

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
 Data File : BF081154.D
 Acq On : 21 Aug 2015 19:45
 Operator : UM/IZ
 Sample : G3363-10MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS

Manual Integrations
 APPROVED

MMDadoda
 8/24/2015 11:23:53 AM

Quant Time: Aug 22 00:04:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	60716	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	232061	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	112057	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	214696	20.00	ng	0.00
75) Chrysene-d12	13.67	240	162768	20.00	ng	0.00
86) Perylene-d12	15.00	264	120496	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	480136	118.94	ng	0.03
7) Phenol-d6	6.22	99	646745	122.79	ng	0.01
23) Nitrobenzene-d5	7.13	82	465572	91.65	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	140671	144.82	ng	0.01
44) 2-Fluorobiphenyl	8.93	172	788589	92.21	ng	0.00
78) Terphenyl-d14	12.64	244	734737	96.77	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.13	88	66979	35.21	ng	93
3) Pyridine	2.71	79	134528m	25.06	ng	
4) n-Nitrosodimethylamine	2.64	42	112322	37.58	ng	# 77
6) Aniline	6.22	93	96800	12.64	ng	# 1
8) 2-Chlorophenol	6.34	128	195083	44.15	ng	94
9) Benzaldehyde	6.09	77	52519	15.47	ng	94
10) Phenol	6.23	94	271372	43.63	ng	# 73
11) bis(2-Chloroethyl)ether	6.31	93	222436	46.60	ng	99
12) 1,3-Dichlorobenzene	6.49	146	164830m	34.72	ng	
13) 1,4-Dichlorobenzene	6.57	146	172816	36.76	ng	93
14) 1,2-Dichlorobenzene	6.73	146	167379m	38.04	ng	
15) Benzyl Alcohol	6.72	79	187550	44.01	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	6.86	45	397836	42.42	ng	97
17) 2-Methylphenol	6.84	107	154244	40.69	ng	96
18) Hexachloroethane	7.06	117	66545	35.03	ng	# 90
19) n-Nitroso-di-n-propylamine	7.00	70	165719	45.42	ng	88
20) 3+4-Methylphenols	7.00	107	206831	42.98	ng	# 45
22) Acetophenone	6.98	105	300832	49.38	ng	# 86
24) Nitrobenzene	7.14	77	229042	43.12	ng	92
25) Isophorone	7.40	82	426939	45.07	ng	96
26) 2-Nitrophenol	7.46	139	94330	42.70	ng	# 84
27) 2,4-Dimethylphenol	7.52	122	189313	48.45	ng	92
28) bis(2-Chloroethoxy)methane	7.61	93	252685	45.15	ng	99
29) 2,4-Dichlorophenol	7.72	162	160876	48.90	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	158640	43.39	ng	96
31) Naphthalene	7.86	128	531130	41.06	ng	99
32) Benzoic acid	7.66	122	121779	55.40	ng	95
33) 4-Chloroaniline	7.92	127	44783	8.20	ng	93
34) Hexachlorobutadiene	7.99	225	91496	44.25	ng	98
35) Caprolactam	8.30	113	51923m	45.16	ng	
36) 4-Chloro-3-methylphenol	8.42	107	199534	50.89	ng	94
37) 2-Methylnaphthalene	8.56	142	372381m	45.57	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	150008	41.49	ng	98
40) Hexachlorocyclopentadiene	8.71	237	85790	45.85	ng	98

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Instrument :
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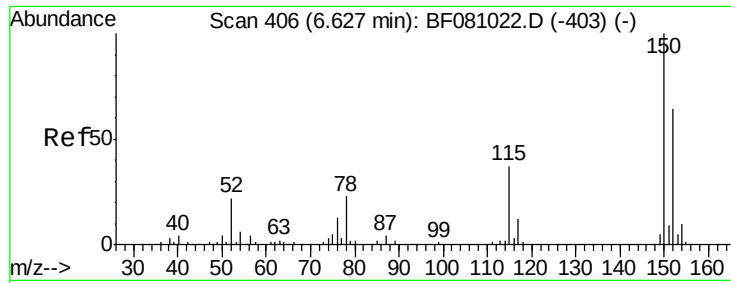
Manual Integrations
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 8/24/2015 11:23:53 AM

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	102029	39.95	ng	99
43) 2,4,5-Trichlorophenol	8.88	196	110938	43.46	ng #	89
45) 1,1'-Biphenyl	9.02	154	422569	42.81	ng	95
46) 2-Chloronaphthalene	9.04	162	349005	44.01	ng	96
47) 2-Nitroaniline	9.14	65	150087	46.25	ng #	84
48) Acenaphthylene	9.45	152	592063	41.74	ng	99
49) Dimethylphthalate	9.34	163	417842	45.28	ng	98
50) 2,6-Dinitrotoluene	9.38	165	82048	41.41	ng #	62
51) Acenaphthene	9.62	154	347937	40.97	ng	100
52) 3-Nitroaniline	9.54	138	50614	20.41	ng	93
53) 2,4-Dinitrophenol	9.66	184	63124	60.63	ng #	79
54) Dibenzofuran	9.80	168	512330	45.02	ng	99
55) 4-Nitrophenol	9.73	139	130485	74.93	ng #	84
56) 2,4-Dinitrotoluene	9.78	165	109334	41.63	ng #	58
57) Fluorene	10.13	166	360053	41.13	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	86556m	43.81	ng	
59) Diethylphthalate	10.02	149	400495	41.00	ng	98
60) 4-Chlorophenyl-phenylether	10.13	204	156655	42.29	ng	95
61) 4-Nitroaniline	10.16	138	83782	33.06	ng	93
62) Azobenzene	10.29	77	494845	43.96	ng	97
64) 4,6-Dinitro-2-methylphenol	10.20	198	43588	34.00	ng #	50
65) n-Nitrosodiphenylamine	10.25	169	342969	44.75	ng	98
66) 4-Bromophenyl-phenylether	10.62	248	101053	47.91	ng	95
67) Hexachlorobenzene	10.68	284	105040	49.18	ng	97
68) Atrazine	10.79	200	115866	54.26	ng	95
69) Pentachlorophenol	10.87	266	112264	87.60	ng	100
70) Phenanthrene	11.08	178	527951	41.49	ng	99
71) Anthracene	11.13	178	567673	45.85	ng	99
72) Carbazole	11.29	167	582381	48.85	ng	100
73) Di-n-butylphthalate	11.64	149	656095	45.48	ng	99
74) Fluoranthene	12.25	202	530543	38.64	ng	92
76) Benzidine	12.38	184	91011	14.80	ng	98
77) Pyrene	12.48	202	615888	46.55	ng	100
79) Butylbenzylphthalate	13.11	149	274932	48.34	ng #	60
80) Benzo(a)anthracene	13.66	228	462162	42.34	ng	100
81) 3,3'-Dichlorobenzidine	13.64	252	124000	35.07	ng #	94
82) Chrysene	13.69	228	347634	35.34	ng	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	398829	54.74	ng	99
84) Di-n-octyl phthalate	14.29	149	650015	58.70	ng	98
85) Indeno(1,2,3-cd)pyrene	16.19	276	332771	48.18	ng #	94
87) Benzo(b)fluoranthene	14.65	252	420670m	49.36	ng	
88) Benzo(k)fluoranthene	14.68	252	297597m	37.47	ng	
89) Benzo(a)pyrene	14.95	252	348475	46.92	ng	98
90) Dibenzo(a,h)anthracene	16.20	278	282766	48.87	ng #	93
91) Benzo(g,h,i)perylene	16.54	276	263826	44.94	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

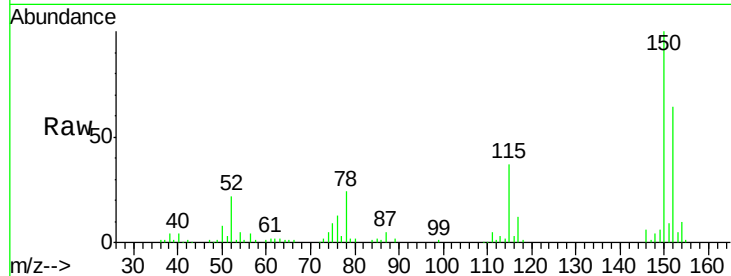
ClientSampleId :

TEC-C1MS

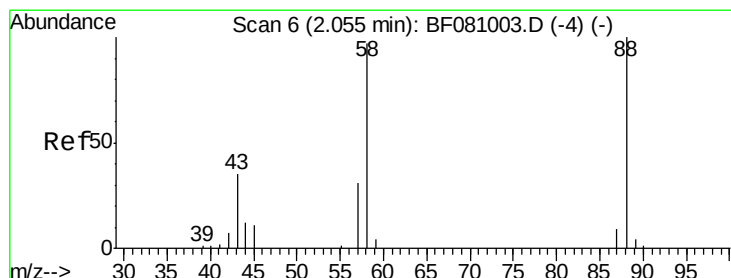
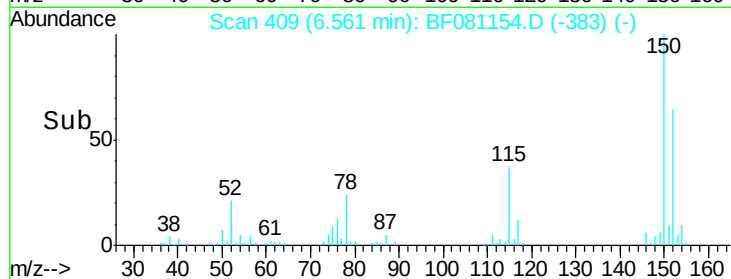
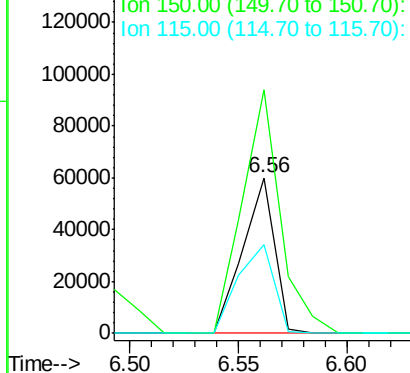
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Tgt Ion:	152	Resp:	60716
Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.8	185.6
115	57.4	52.1	78.1



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



#2

1,4-Dioxane

Concen: 35.21 ng

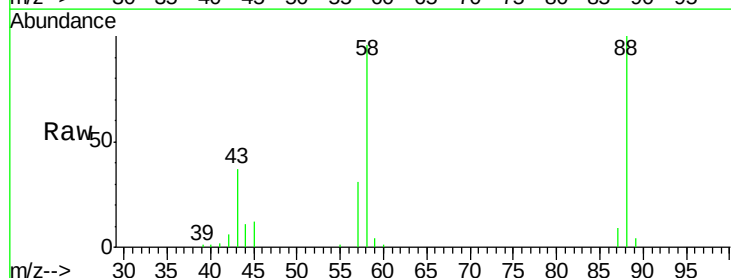
RT: 2.13 min Scan# 21

Delta R.T. 0.18 min

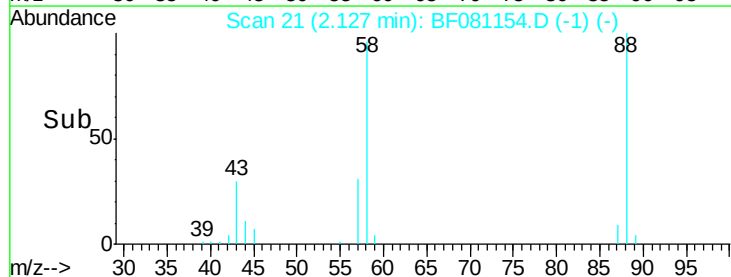
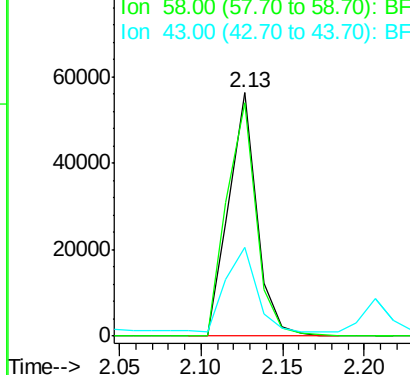
Lab File: BF081154.D

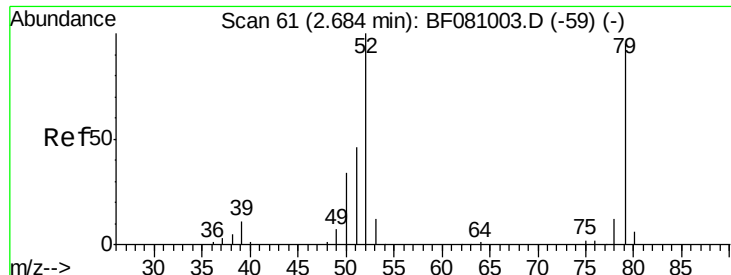
Acq: 21 Aug 2015 19:45

Tgt Ion:	88	Resp:	66979
Ion	Ratio	Lower	Upper
88	100		
58	100.8	83.7	125.5
43	38.0	37.5	56.3



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





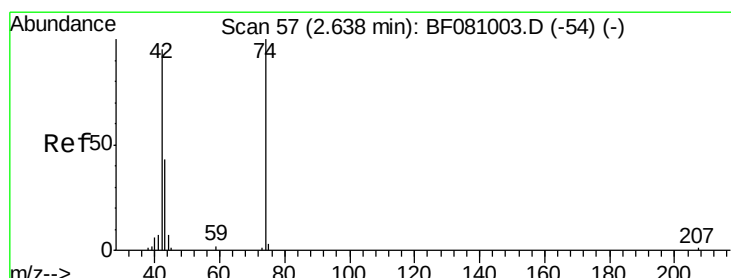
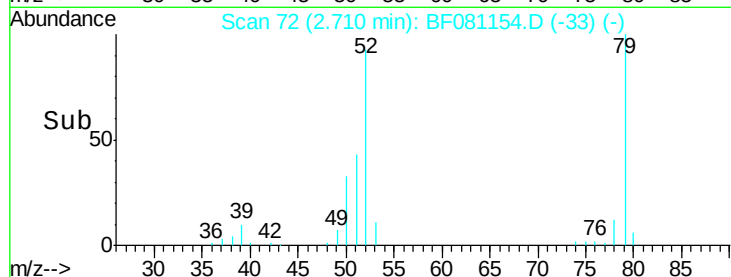
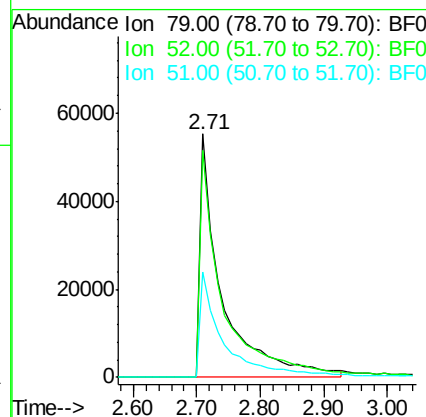
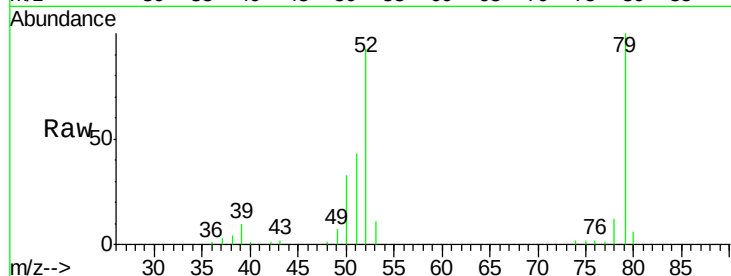
#3
 Pyridine
 Concen: 25.06 ng m
 RT: 2.71 min Scan# 72
 Delta R.T. 0.15 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	134528		
52	93.2	95.1	142.7#	
51	43.4	46.6	70.0#	

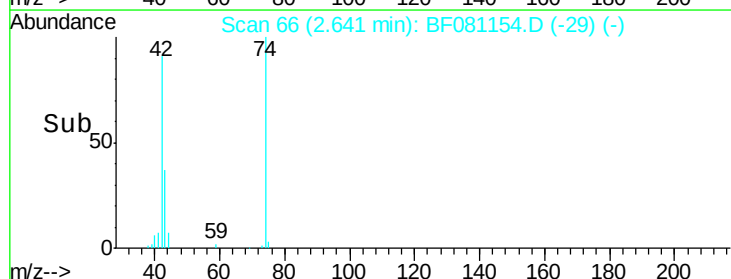
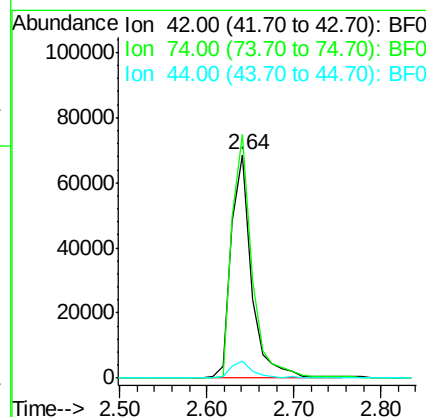
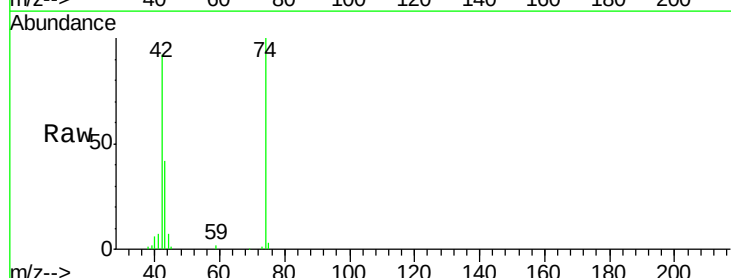
Manual Integrations
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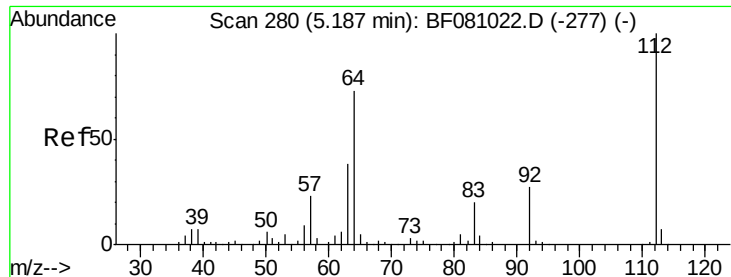
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#4
 n-Nitrosodimethylamine
 Concen: 37.58 ng
 RT: 2.64 min Scan# 66
 Delta R.T. 0.13 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	112322		
74	109.1	69.3	103.9#	
44	7.9	5.5	8.3	





#5

2-Fluorophenol

Concen: 118.94 ng

RT: 5.14 min Scan# 285

Delta R.T. 0.03 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

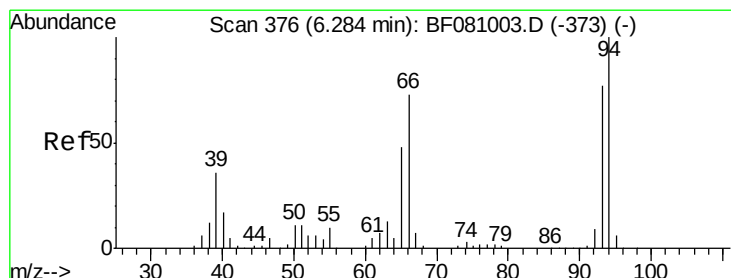
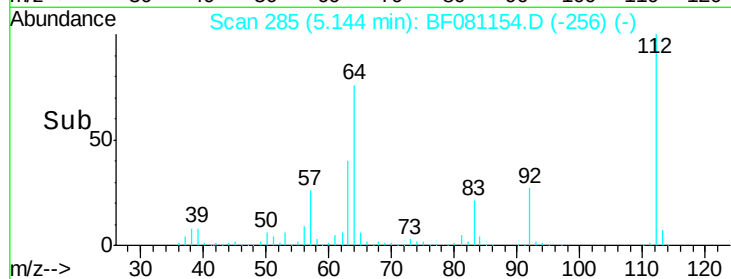
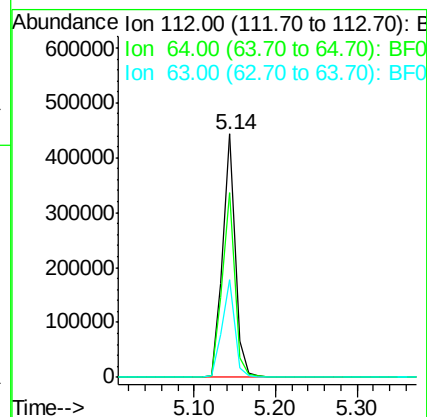
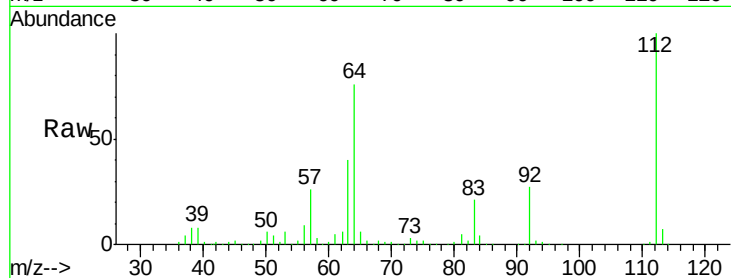
ClientSampleId :

TEC-C1MS

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Tgt Ion:	112	Resp:	480136
Ion Ratio	Lower	Upper	
112	100		
64	76.0	66.9	100.3
63	40.1	38.1	57.1



#6

Aniline

Concen: 12.64 ng

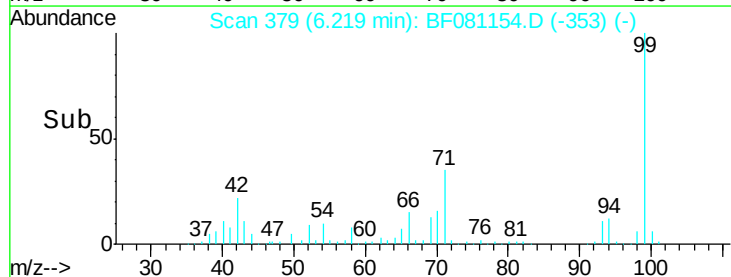
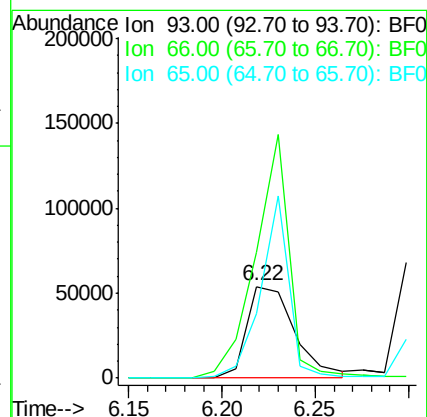
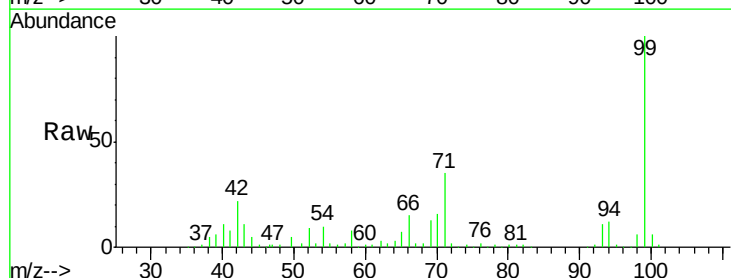
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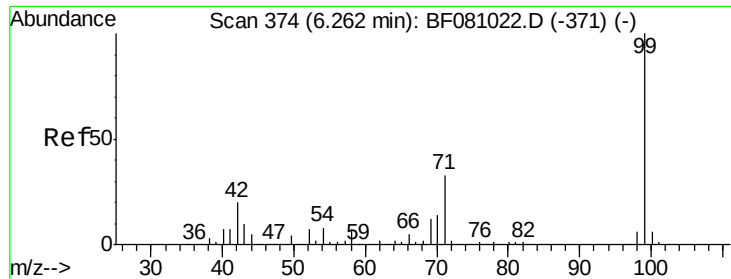
Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion:	93	Resp:	96800
Ion Ratio	Lower	Upper	
93	100		
66	137.7	35.6	53.4#
65	70.0	18.7	28.1#





#7

Phenol-d6

Concen: 122.79 ng

RT: 6.22 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

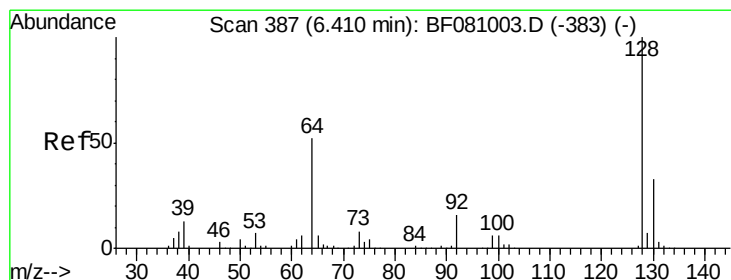
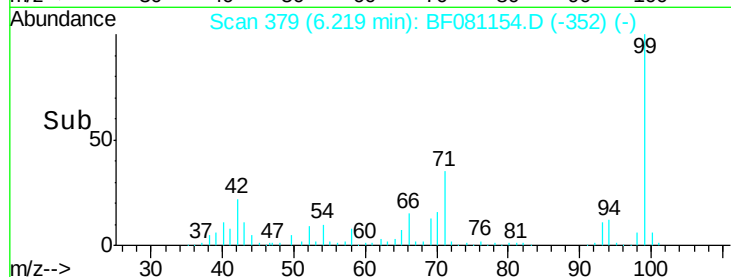
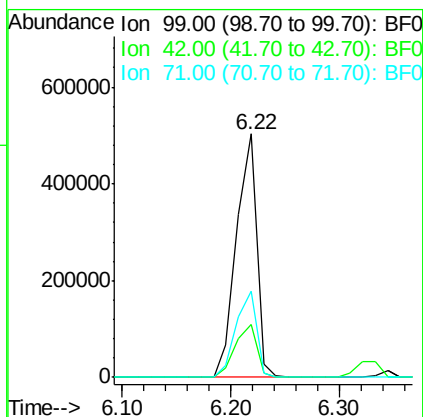
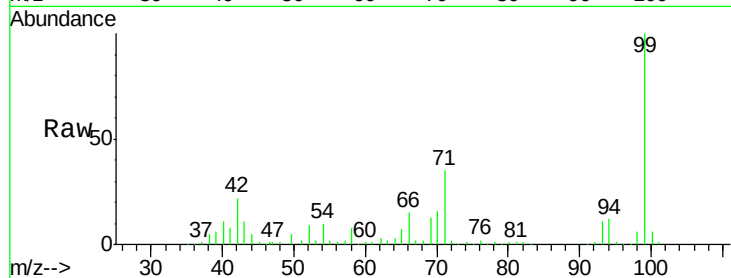
ClientSampleId :

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Tgt Ion:	99	Resp:	646745
Ion Ratio	Lower	Upper	
99	100		
42	21.7	19.6	29.4
71	35.2	31.2	46.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.15 ng

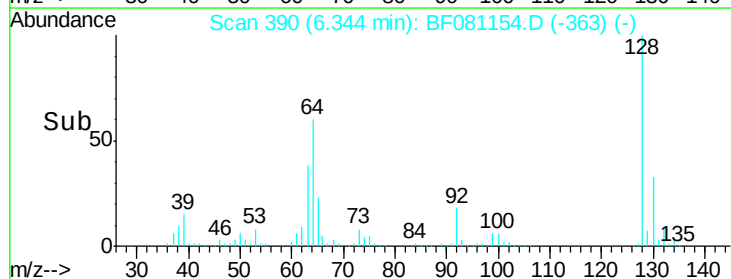
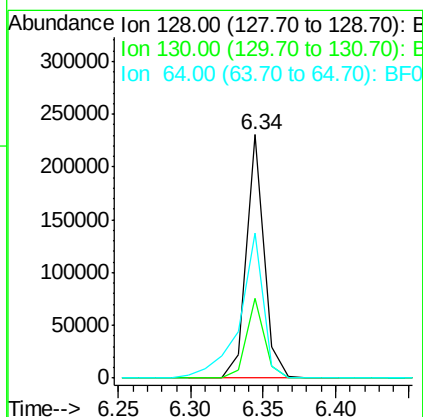
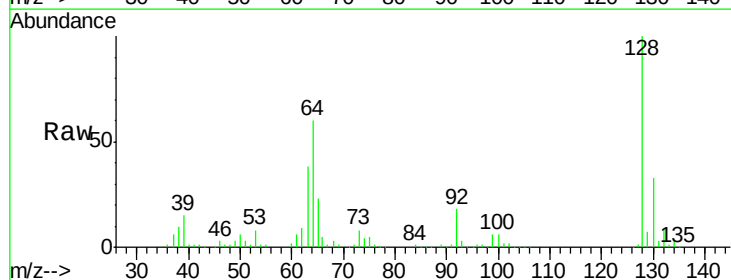
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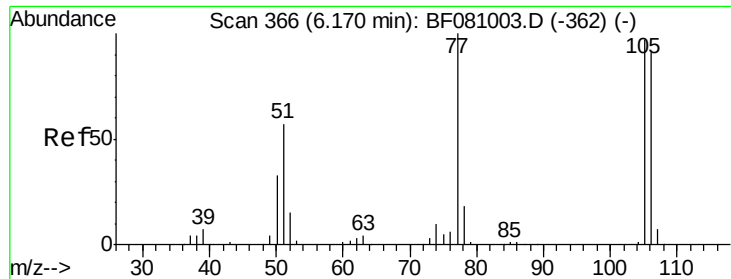
Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion:	128	Resp:	195083
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.5	52.5
64	59.8	46.8	86.8





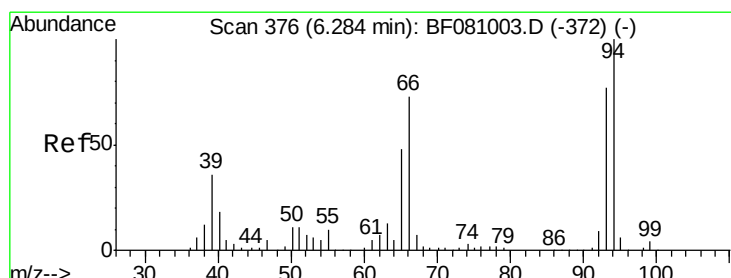
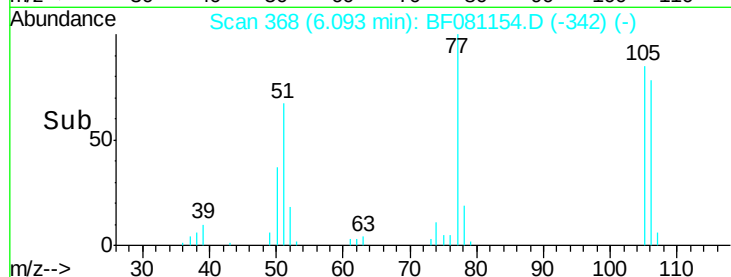
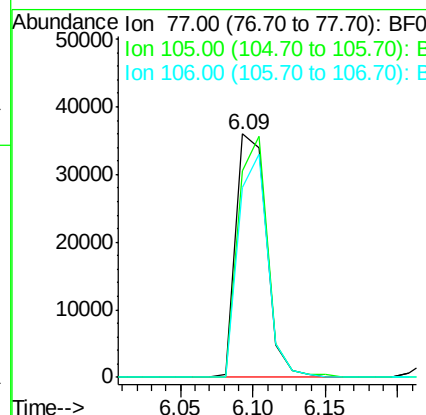
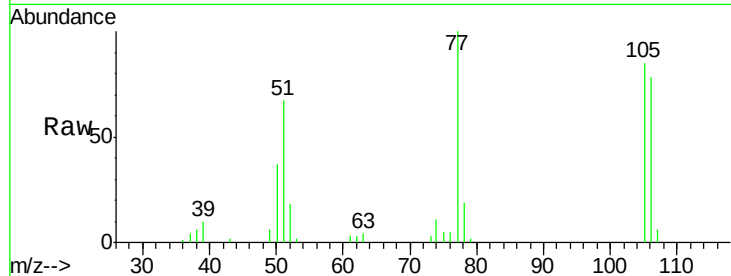
#9
Benzaldehyde
Concen: 15.47 ng
RT: 6.09 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Instrument :
BNA_F
ClientSampleId :
TEC-C1MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	84.6	69.6	109.6
106	78.0	64.0	104.0

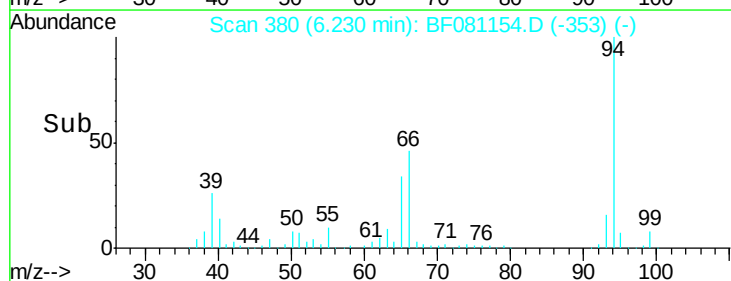
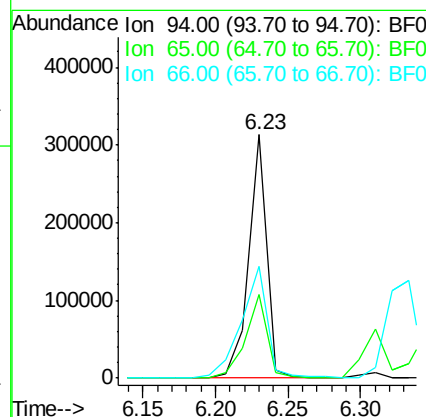
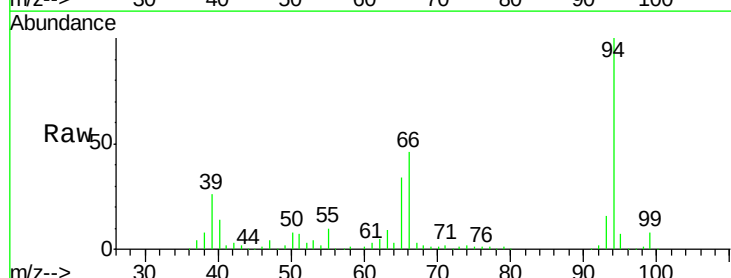
Manual Integrations
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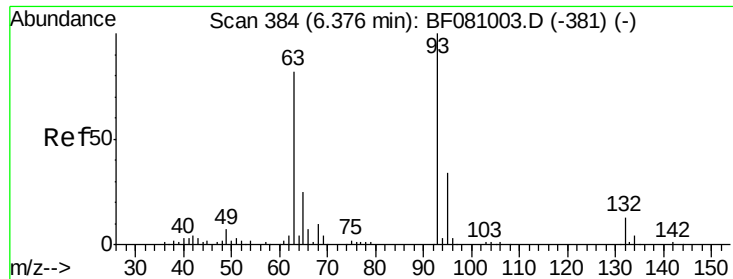
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#10
Phenol
Concen: 43.63 ng
RT: 6.23 min Scan# 380
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.4	28.4	68.4
66	45.8	52.3	92.3#





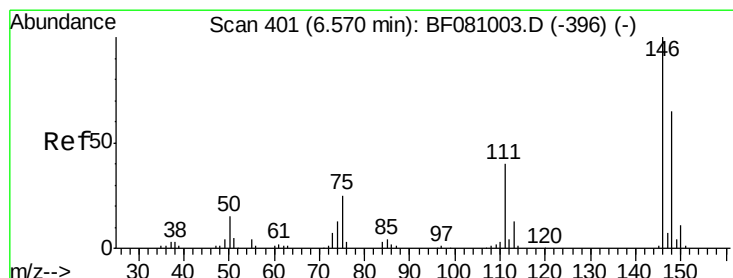
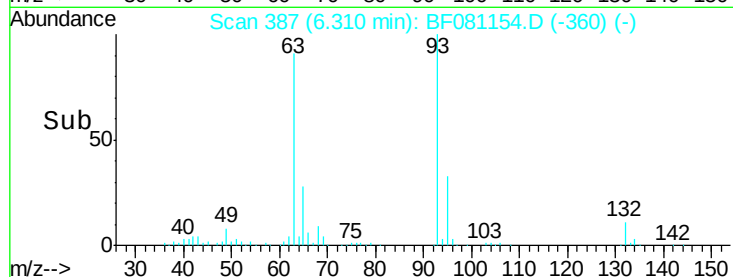
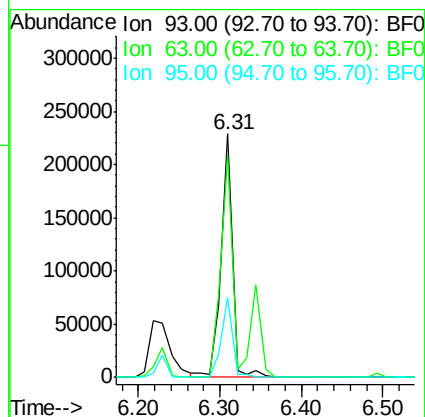
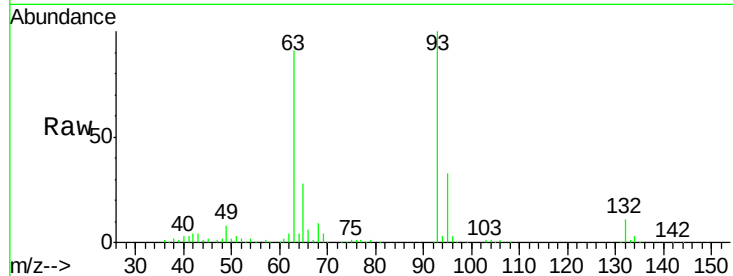
#11
bis(2-Chloroethyl)ether
Concen: 46.60 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Instrument :
BNA_F
ClientSampleId :
TEC-C1MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	222436		
63	91.3	69.6	109.6	
95	32.6	12.3	52.3	

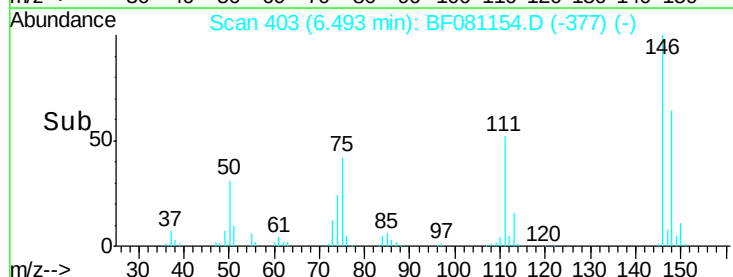
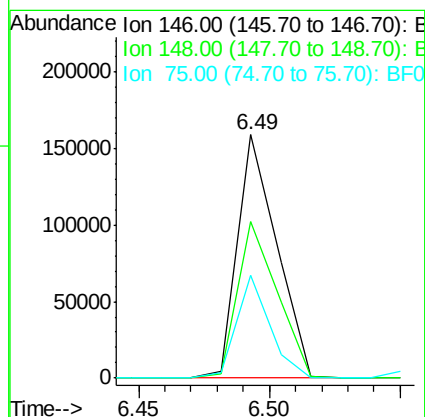
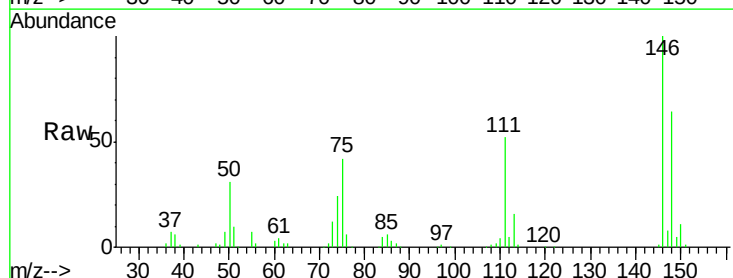
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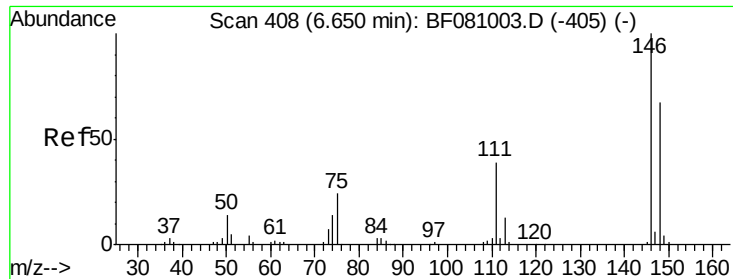
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#12
1,3-Dichlorobenzene
Concen: 34.72 ng m
RT: 6.49 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	164830		
148	64.2	53.3	79.9	
75	42.4	25.0	37.6	





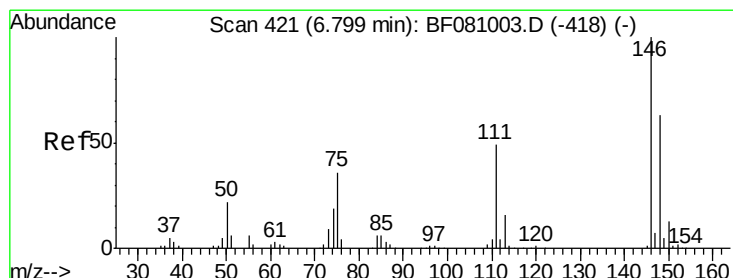
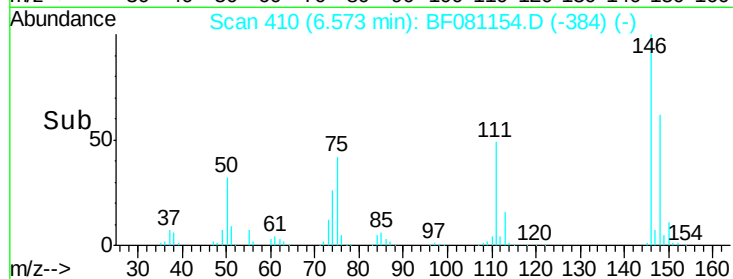
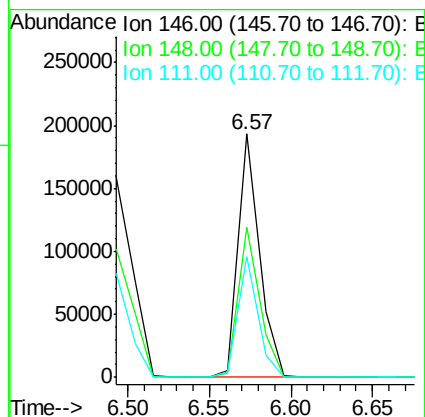
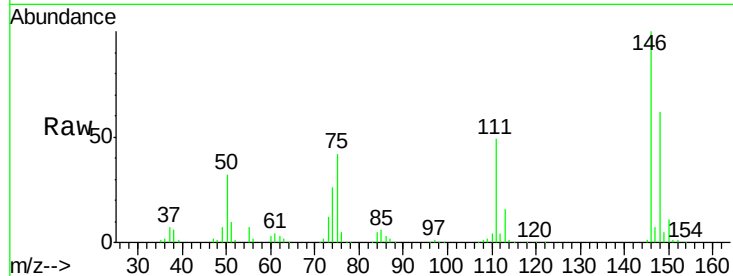
#13
 1,4-Dichlorobenzene
 Concen: 36.76 ng
 RT: 6.57 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampled :
 TEC-C1MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	172816		
148	61.7	52.3	78.5	
111	49.4	34.4	51.6	

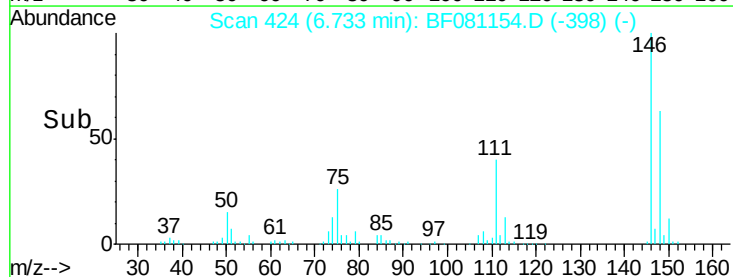
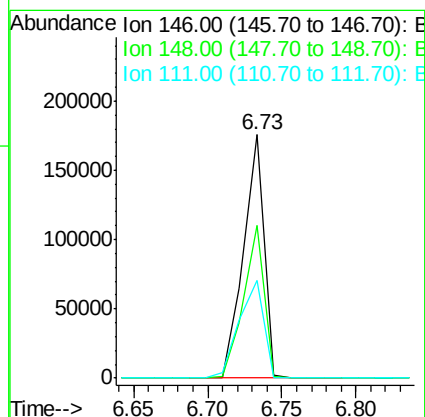
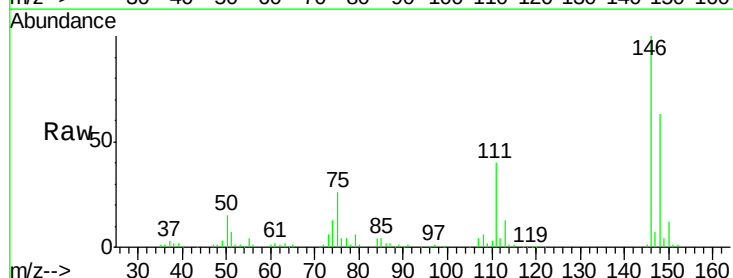
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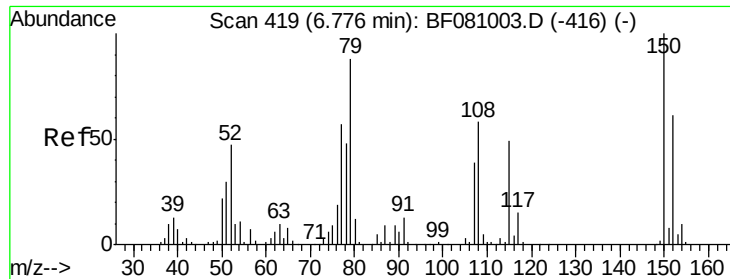
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#14
 1,2-Dichlorobenzene
 Concen: 38.04 ng m
 RT: 6.73 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	167379		
148	62.8	48.7	73.1	
111	40.3	42.3	63.5#	





#15

Benzyl Alcohol

Concen: 44.01 ng

RT: 6.72 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

TEC-C1MS

Tgt Ion: 79 Resp: 187550
Ion Ratio Lower Upper

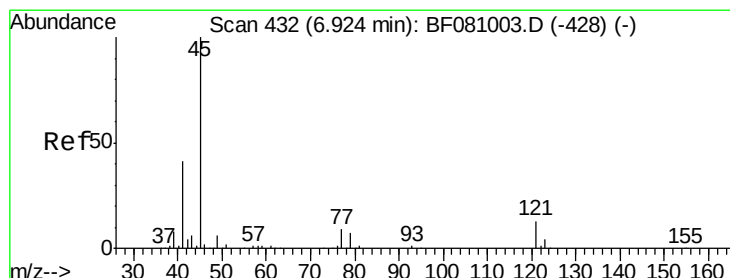
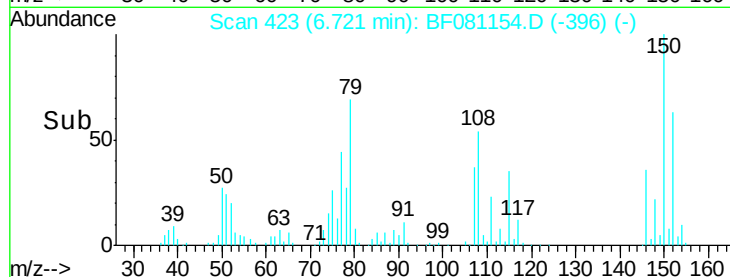
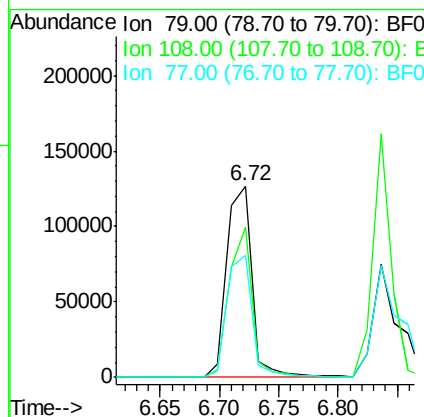
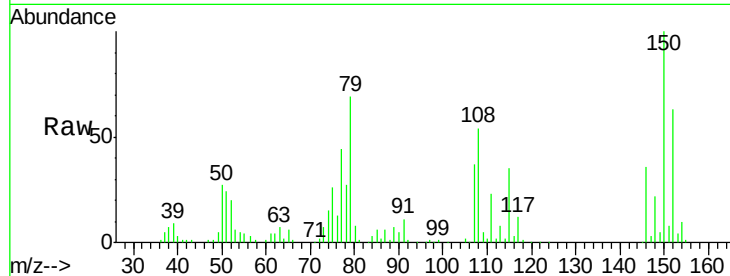
79 100

108 78.4 49.4 74.2#

77 63.7 51.4 77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.42 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF081154.D

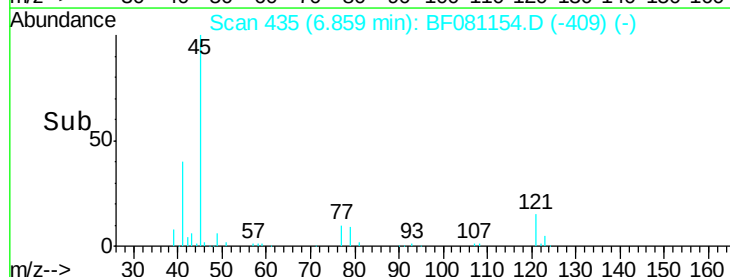
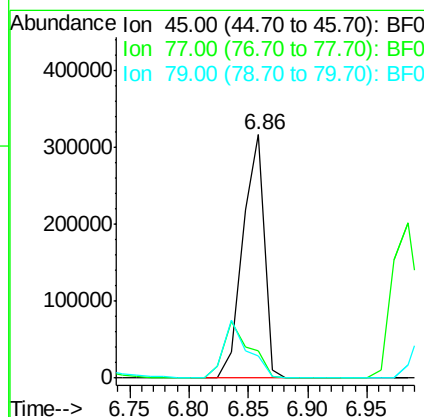
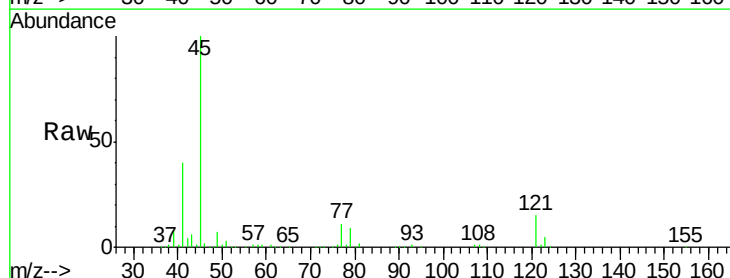
Acq: 21 Aug 2015 19:45

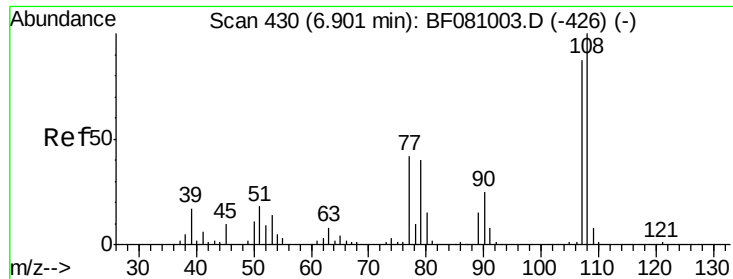
Tgt Ion: 45 Resp: 397836
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.2

79 9.2 0.0 28.0





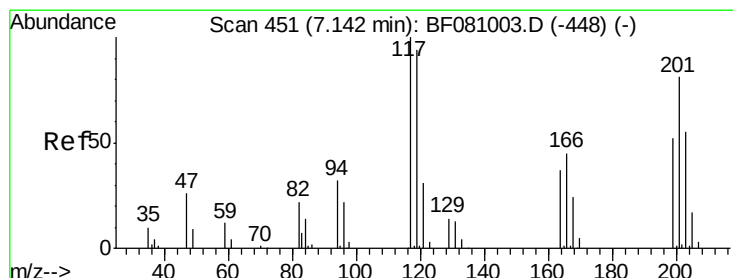
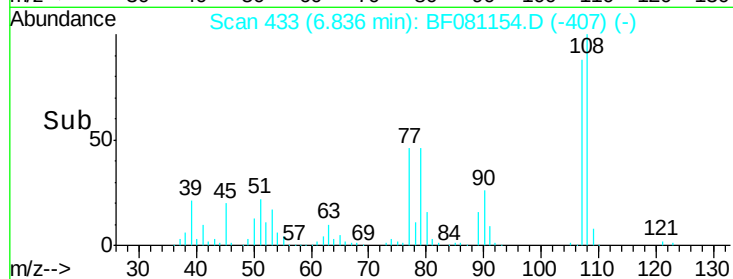
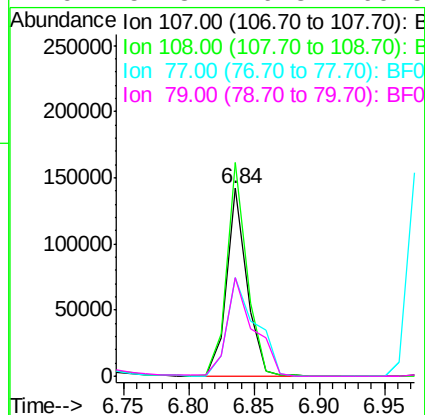
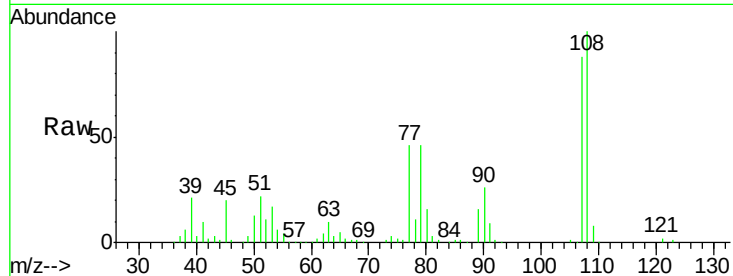
#17
2-Methylphenol
Concen: 40.69 ng
RT: 6.84 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Instrument :
BNA_F
ClientSampled :
TEC-C1MS

Tgt Ion:	107	Resp:	154244
Ion Ratio	Lower	Upper	
107	100		
108	113.8	90.4	135.6
77	52.3	46.5	69.7
79	52.8	46.3	69.5

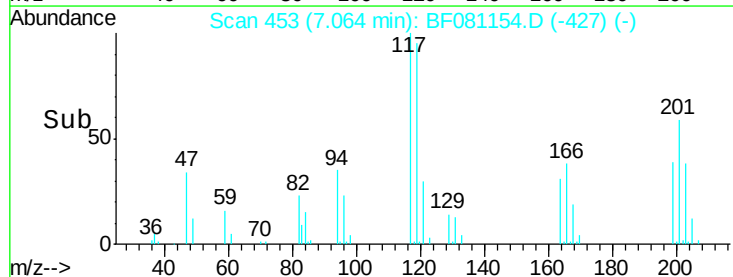
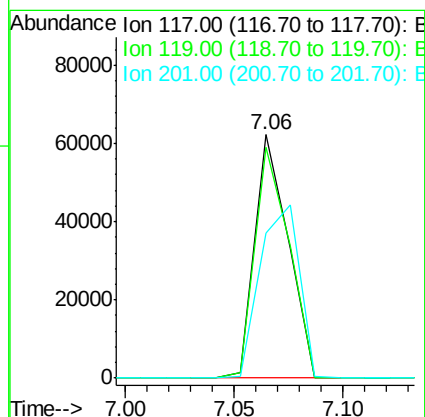
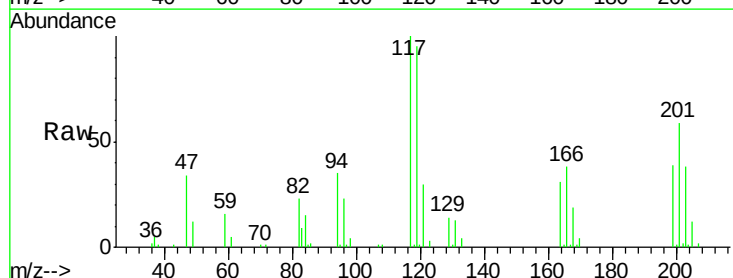
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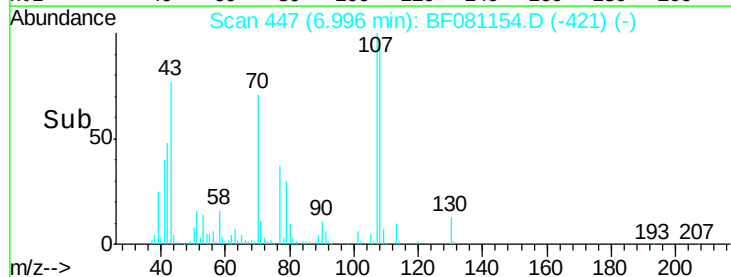
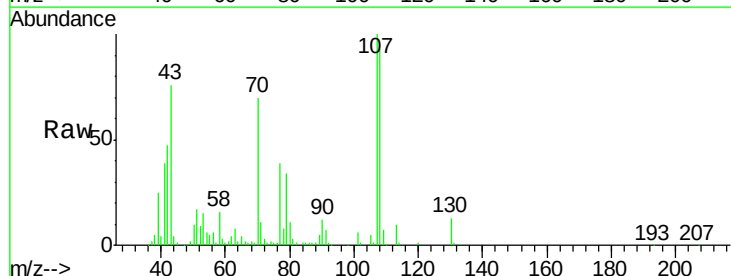
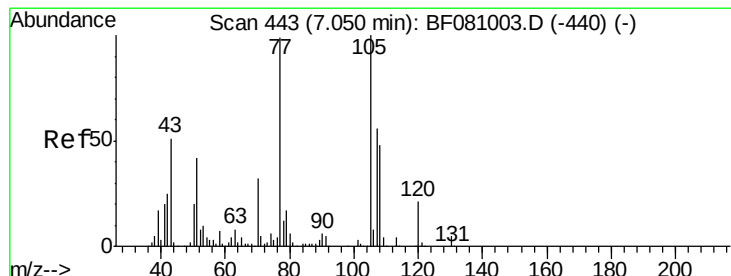
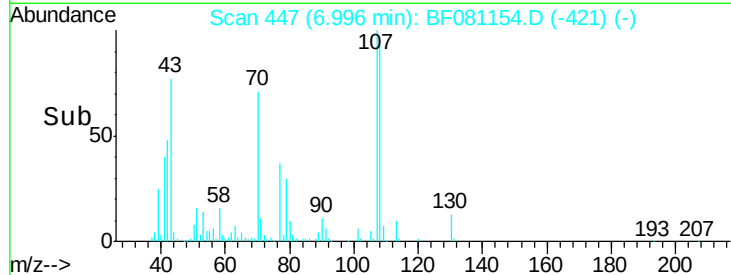
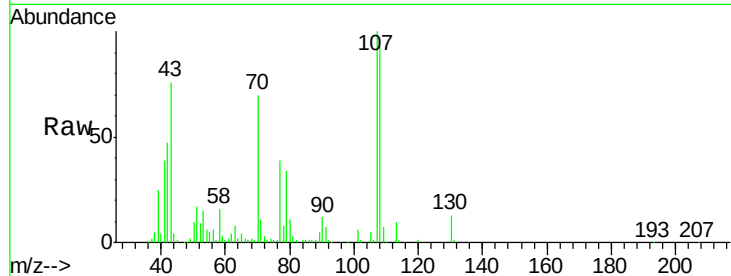
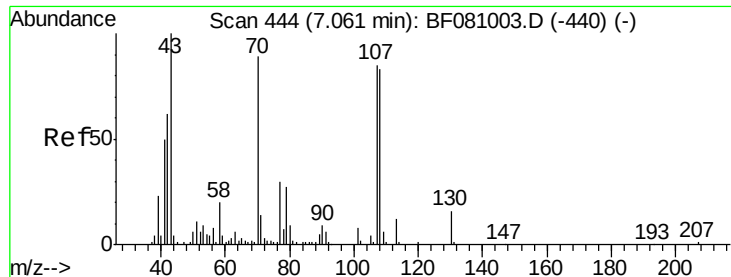
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#18
Hexachloroethane
Concen: 35.03 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion:	117	Resp:	66545
Ion Ratio	Lower	Upper	
117	100		
119	94.9	77.9	116.9
201	59.4	61.3	91.9#





#19

n-Nitroso-di-n-propylamine

Concen: 45.42 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

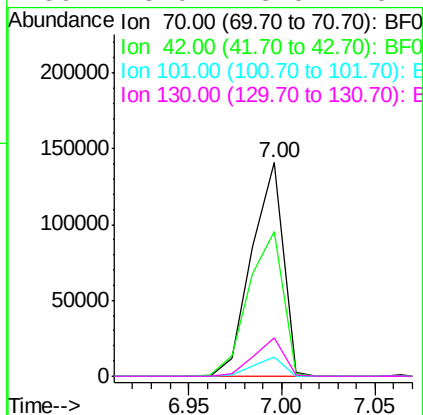
ClientSampleId :

TEC-C1MS

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		165719		
42	67.5	65.0	97.4		
101	8.9	7.4	11.2		
130	18.0	13.0	19.4		



#20

3+4-Methylphenols

Concen: 42.98 ng

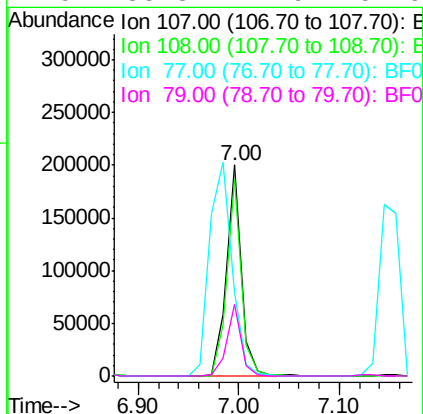
RT: 7.00 min Scan# 447

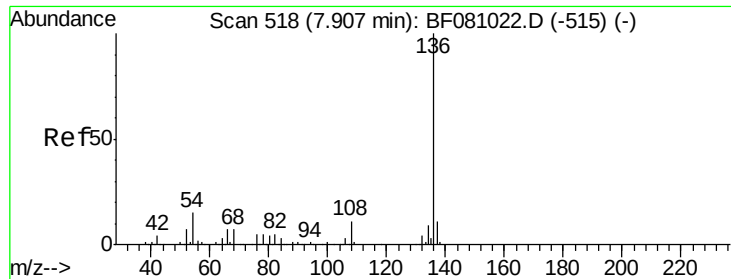
Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		206831		
108	93.5	66.1	106.1		
77	39.2	139.3	179.3#		
79	33.8	11.9	51.9		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF081154.D

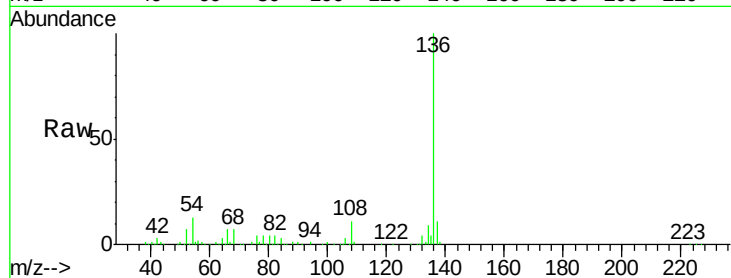
Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

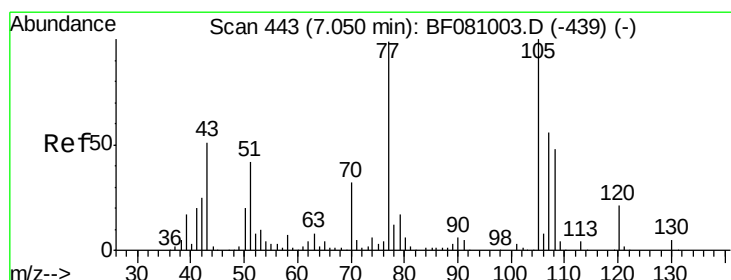
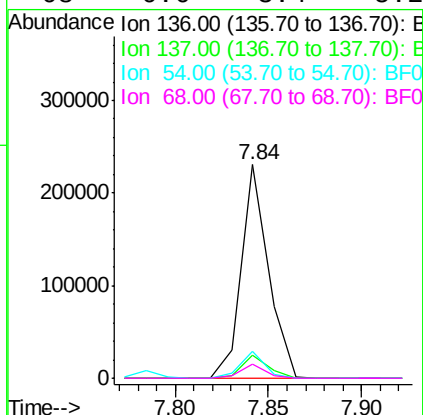
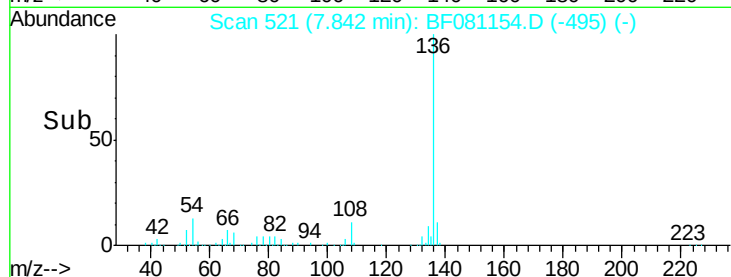
TEC-C1MS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	232061		
137	10.8	8.2	12.2	
54	12.9	7.7	11.5#	
68	6.6	3.4	5.2#	

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#22

Acetophenone

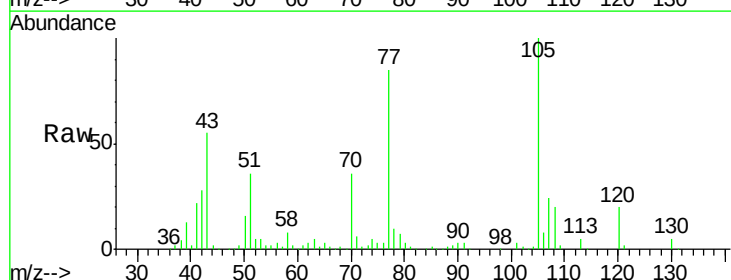
Concen: 49.38 ng

RT: 6.98 min Scan# 446

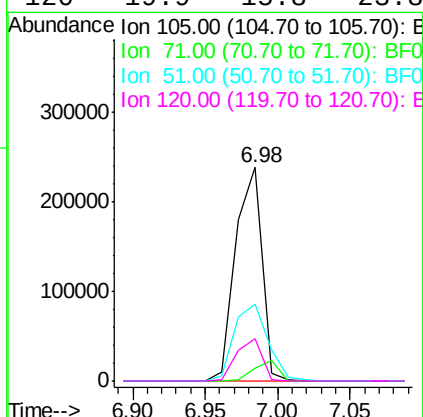
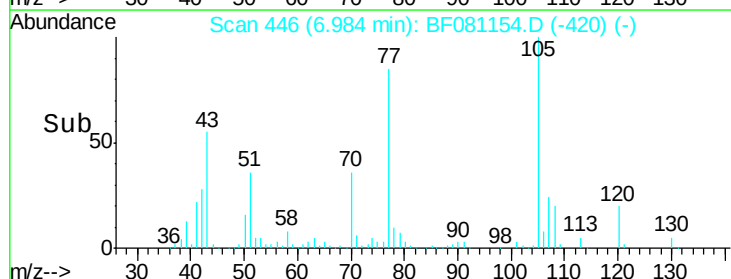
Delta R.T. -0.00 min

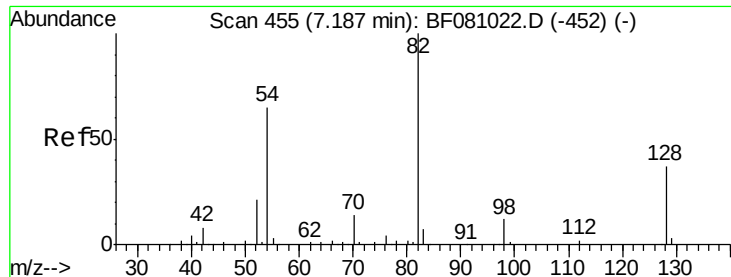
Lab File: BF081154.D

Acq: 21 Aug 2015 19:45



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	300832		
71	6.0	3.0	4.6#	
51	36.1	39.8	59.8#	
120	19.9	15.8	23.8	





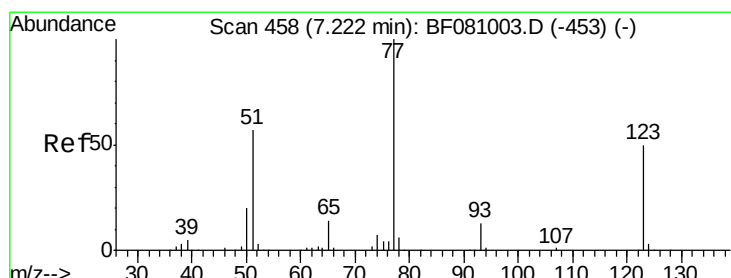
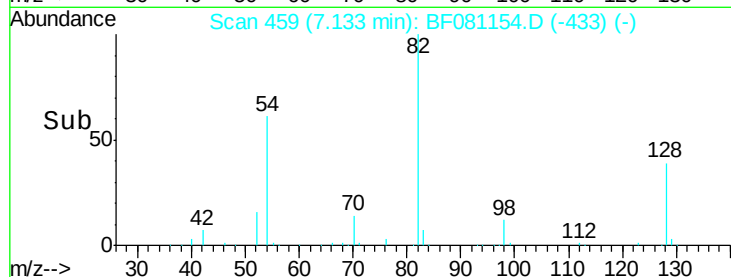
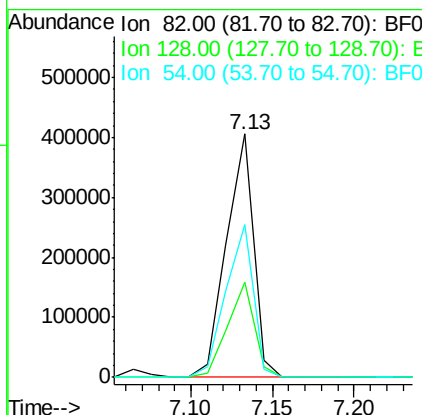
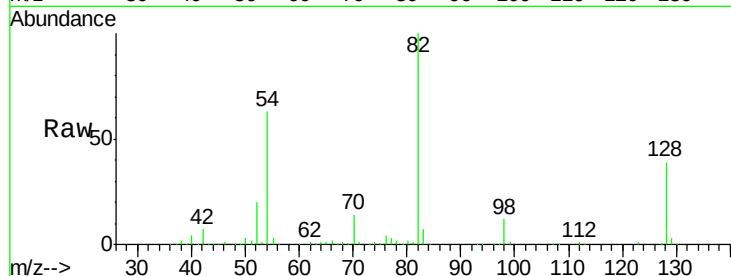
#23
 Nitrobenzene-d5
 Concen: 91.65 ng
 RT: 7.13 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	465572		
128	39.0	28.6	42.8	
54	62.8	55.1	82.7	

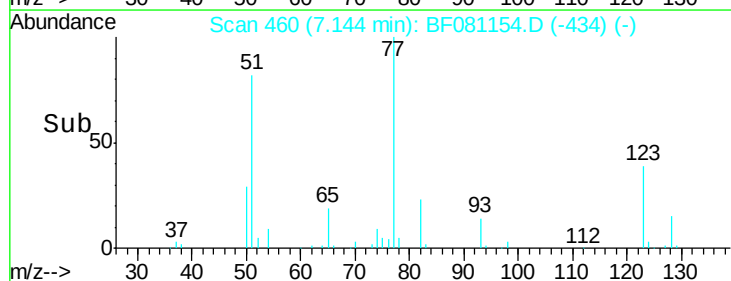
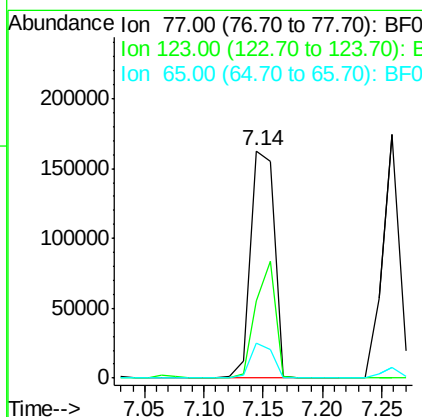
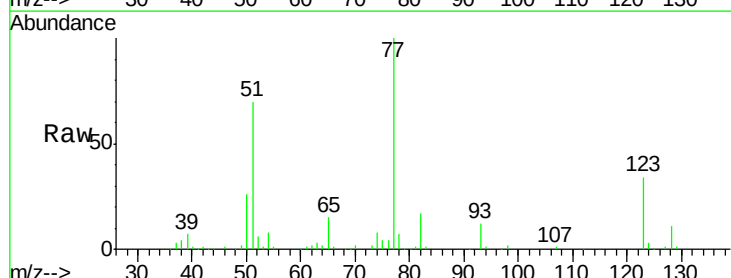
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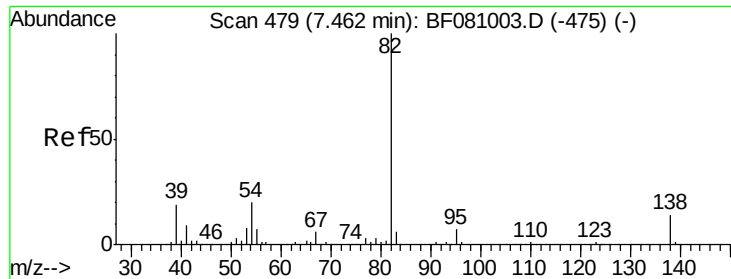
MMDadoda
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#24
 Nitrobenzene
 Concen: 43.12 ng
 RT: 7.14 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	229042		
123	34.1	32.9	49.3	
65	15.3	12.5	18.7	





#25

Isophorone

Concen: 45.07 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF081154.D

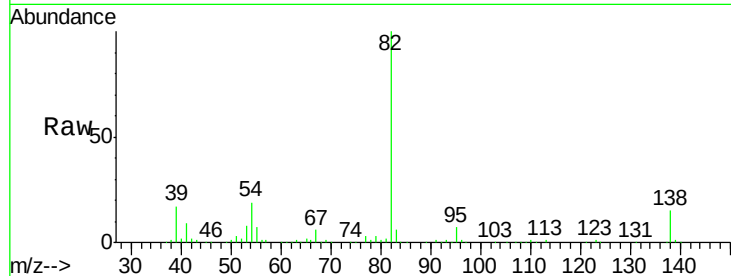
Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

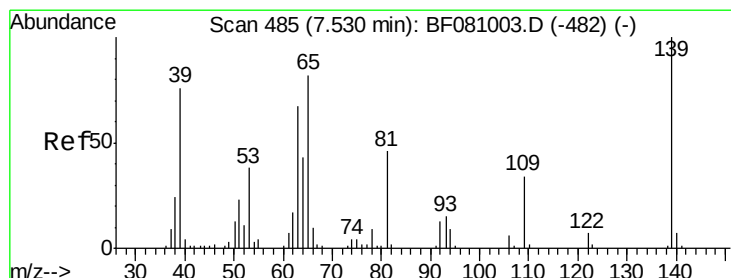
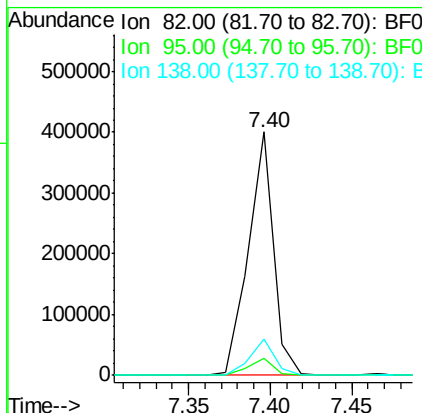
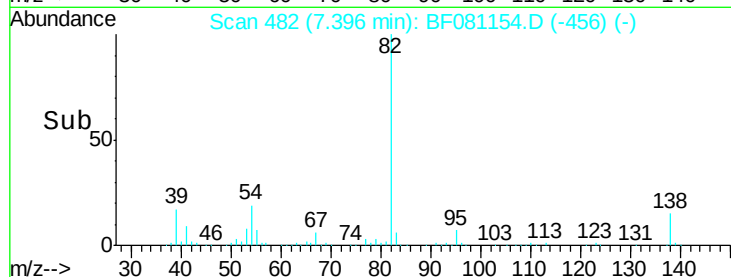
TEC-C1MS



Tgt Ion:	82	Resp:	426939
Ion Ratio		Lower	Upper
82	100		
95	7.0	6.2	9.2
138	15.0	10.5	15.7

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#26

2-Nitrophenol

Concen: 42.70 ng

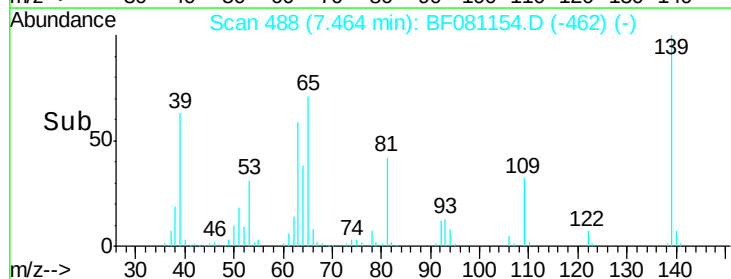
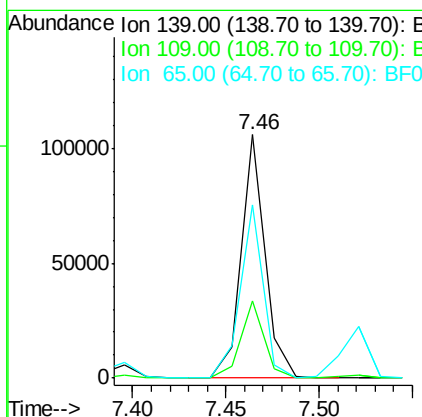
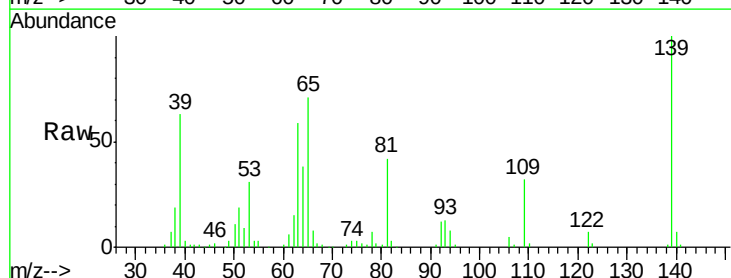
RT: 7.46 min Scan# 488

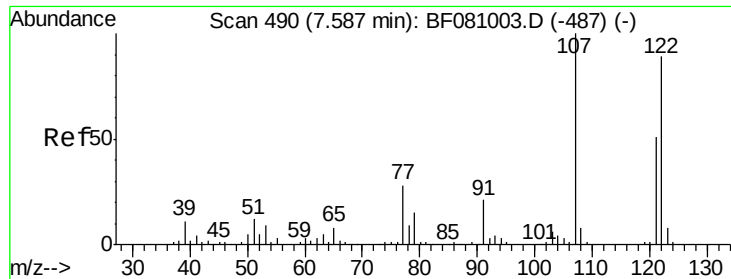
Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion:	139	Resp:	94330
Ion Ratio		Lower	Upper
139	100		
109	31.5	32.1	48.1#
65	71.2	69.9	104.9





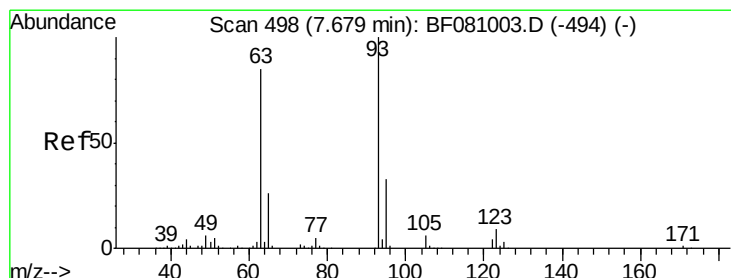
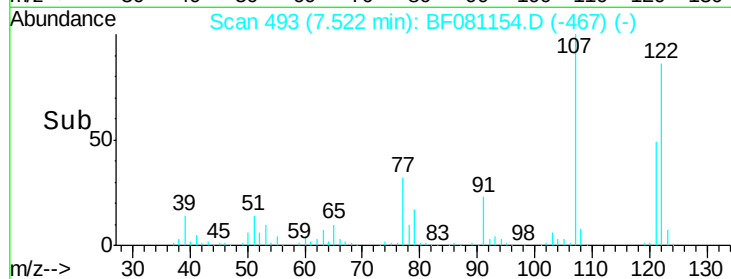
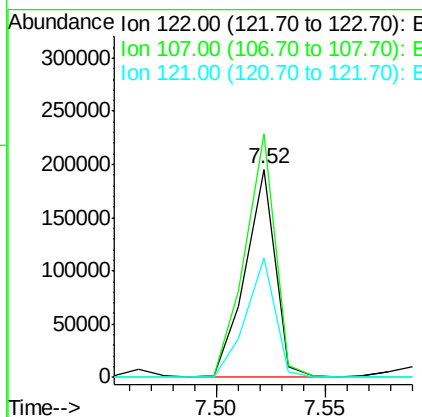
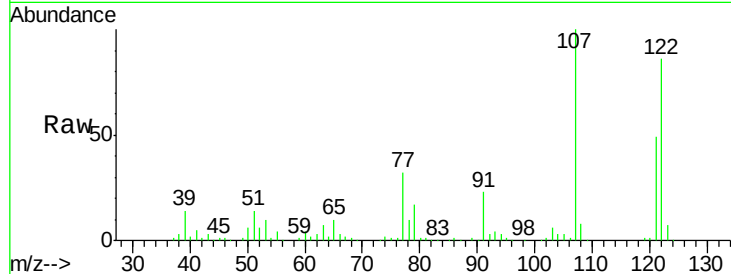
#27
 2,4-Dimethylphenol
 Concen: 48.45 ng
 RT: 7.52 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	189313		
107	116.9	103.8	155.6	
121	57.5	47.0	70.4	

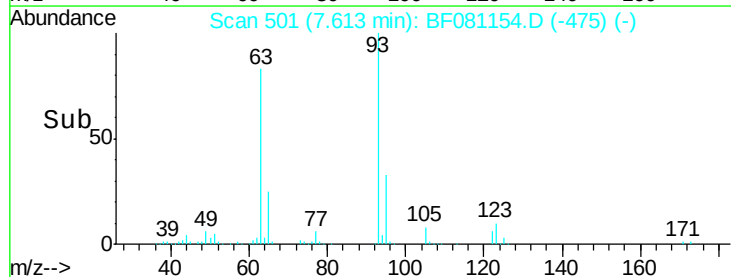
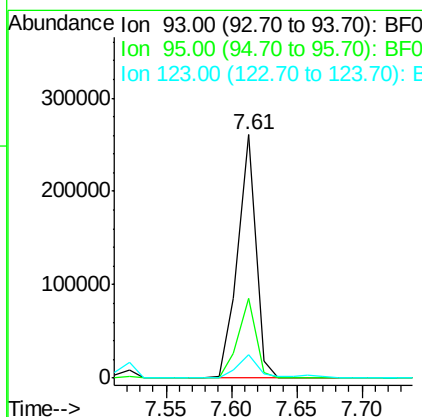
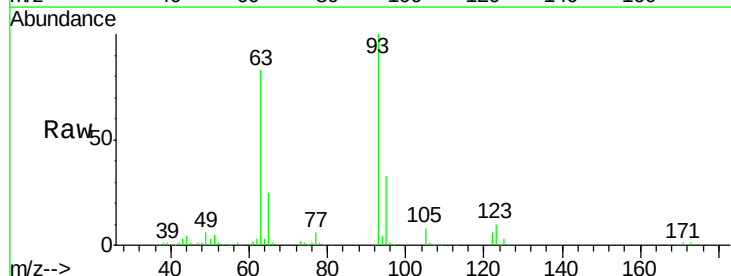
Manual Integrations
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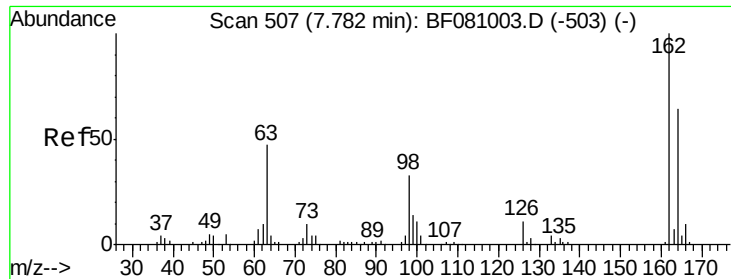
MMDadoda
 8/24/2015 11:23:53 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.15 ng
 RT: 7.61 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	252685		
95	32.9	25.8	38.8	
123	9.7	7.4	11.0	





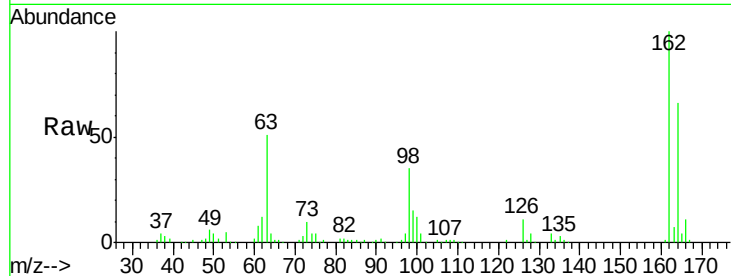
#29
 2,4-Dichlorophenol
 Concen: 48.90 ng
 RT: 7.72 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS

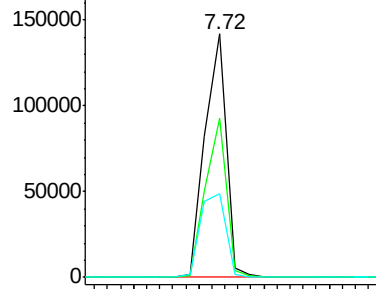
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.6	43.2	83.2
98	34.5	12.3	52.3

Manual Integrations
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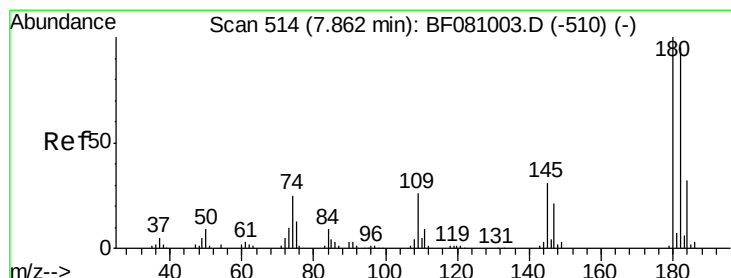
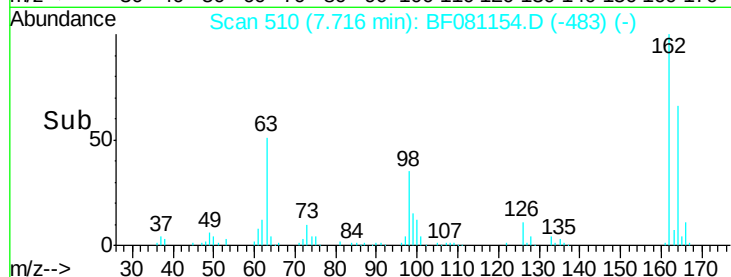
MMDadoda
 8/24/2015 11:23:53 AM



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

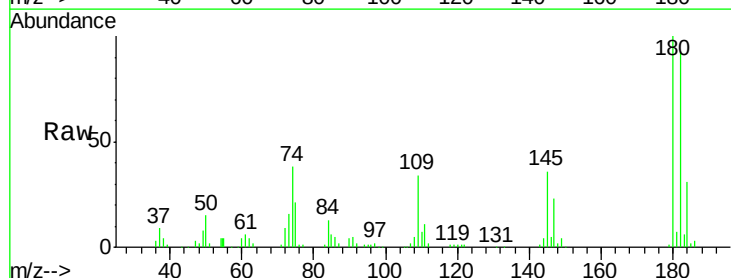


Time-->

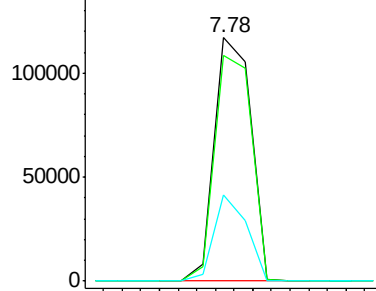


#30
 1,2,4-Trichlorobenzene
 Concen: 43.39 ng
 RT: 7.78 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

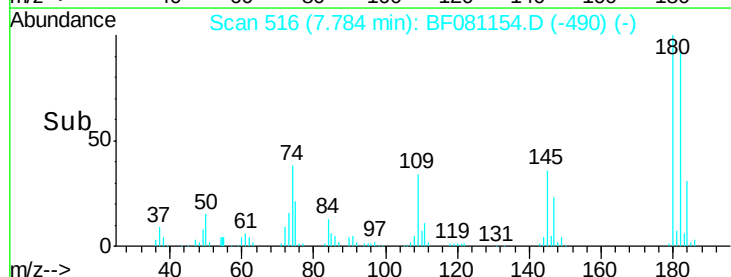
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.7	76.4	114.6
145	35.5	25.4	38.2

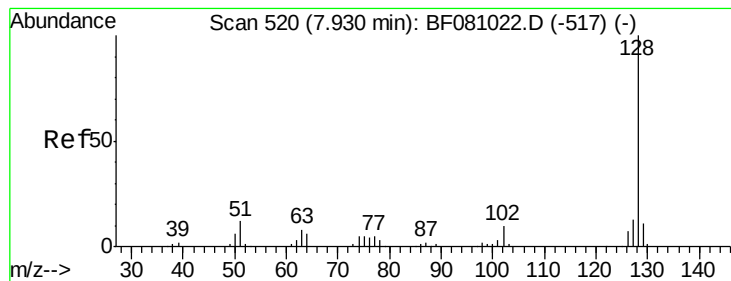


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 41.06 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF081154.D

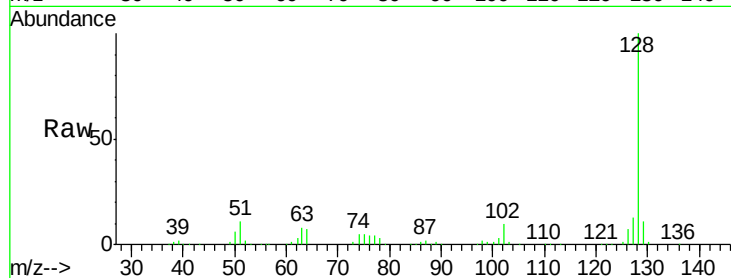
Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

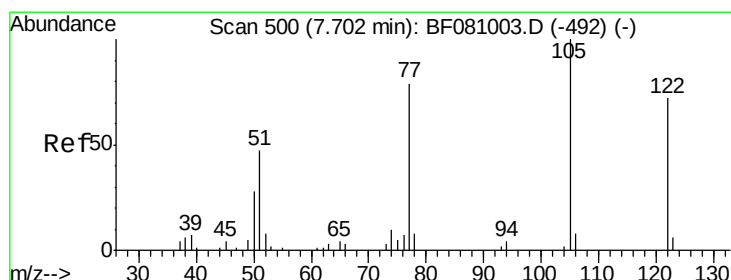
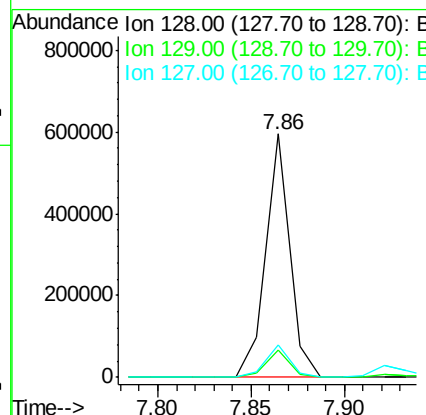
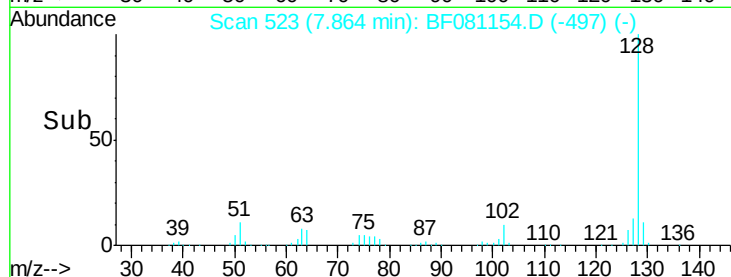
TEC-C1MS



Tgt Ion:	128	Resp:	531130
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.4	12.6
127	13.4	10.6	16.0

Manual Integrations
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#32

Benzoic acid

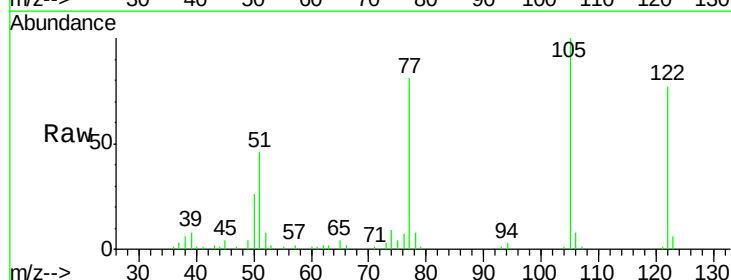
Concen: 55.40 ng

RT: 7.66 min Scan# 505

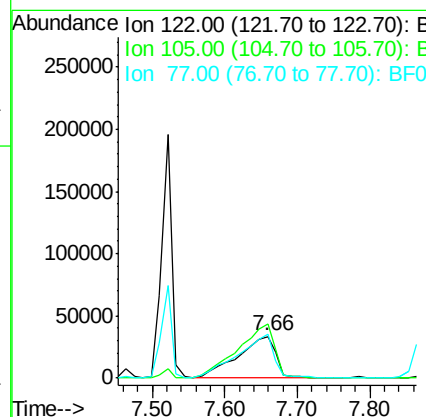
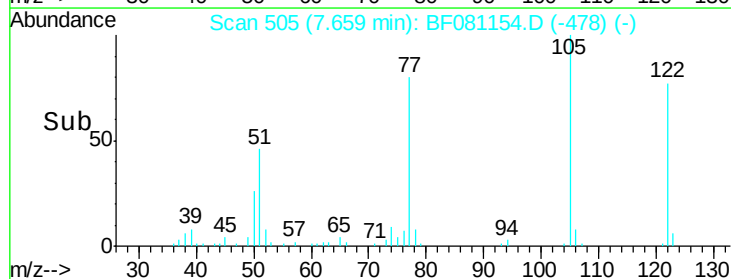
Delta R.T. 0.01 min

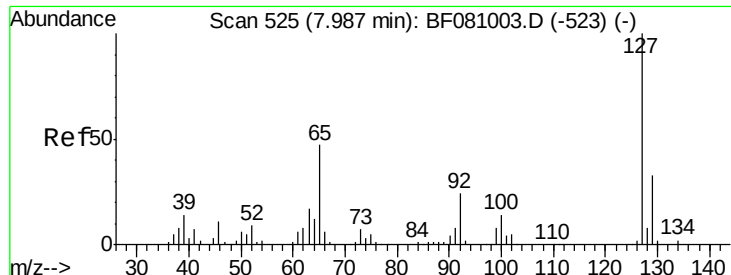
Lab File: BF081154.D

Acq: 21 Aug 2015 19:45



Tgt Ion:	122	Resp:	121779
Ion Ratio	Lower	Upper	
122	100		
105	129.9	113.8	153.8
77	105.5	93.8	133.8





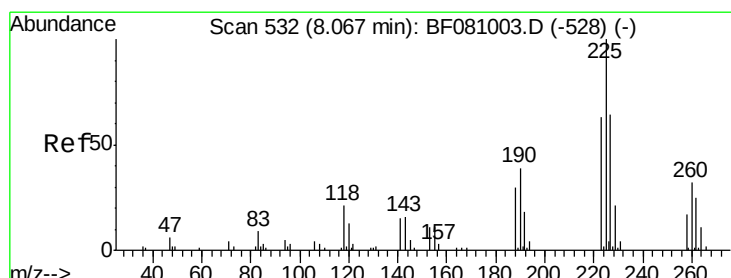
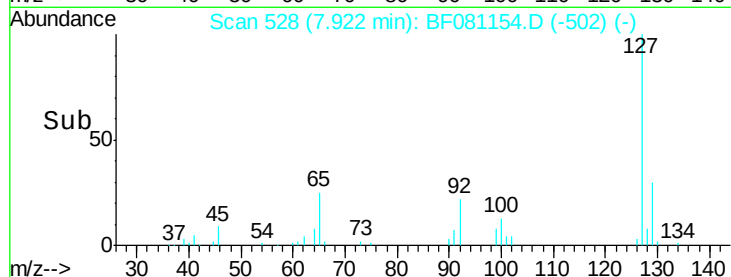
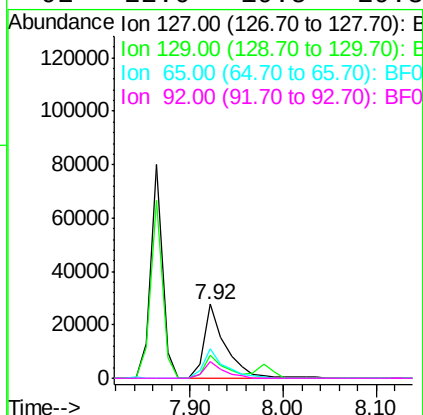
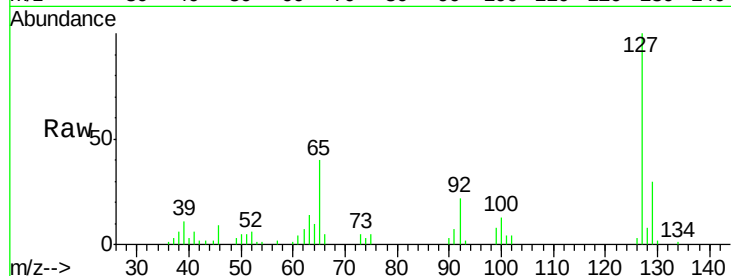
#33
4-Chloroaniline
Concen: 8.20 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Instrument :
BNA_F
ClientSampleId :
TEC-C1MS

Tgt Ion:	127	Resp:	44783
Ion Ratio	Lower	Upper	
127	100		
129	30.4	25.2	37.8
65	40.1	37.8	56.6
92	22.0	19.5	29.3

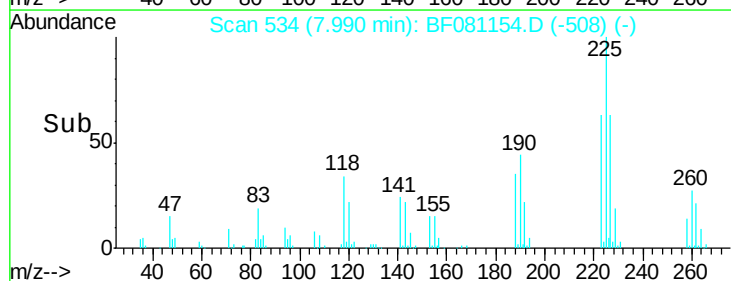
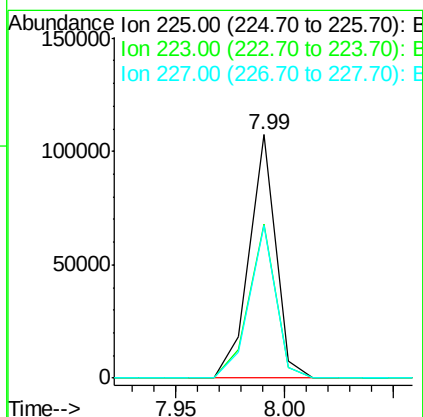
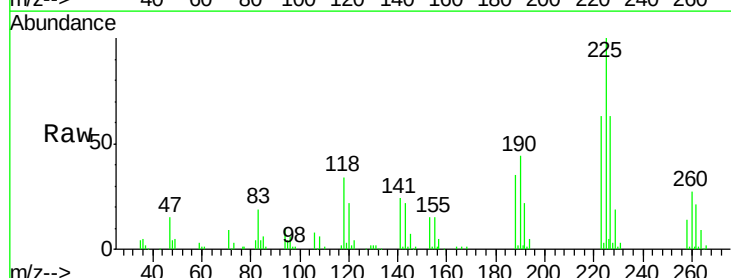
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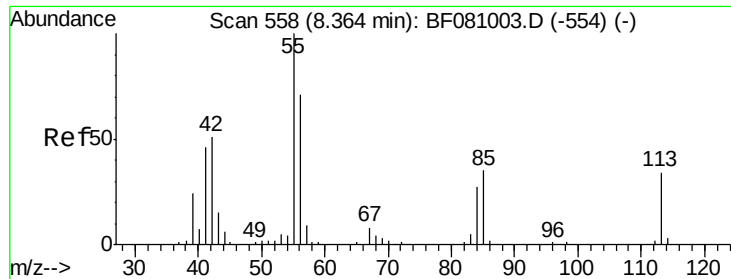
MMDadoda
8/24/2015 11:23:53 AM



#34
Hexachlorobutadiene
Concen: 44.25 ng
RT: 7.99 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion:	225	Resp:	91496
Ion Ratio	Lower	Upper	
225	100		
223	63.3	52.6	79.0
227	62.9	51.1	76.7





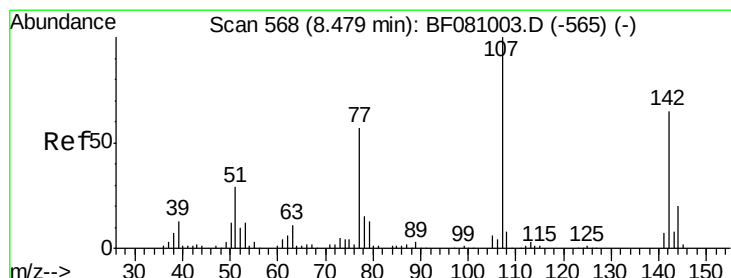
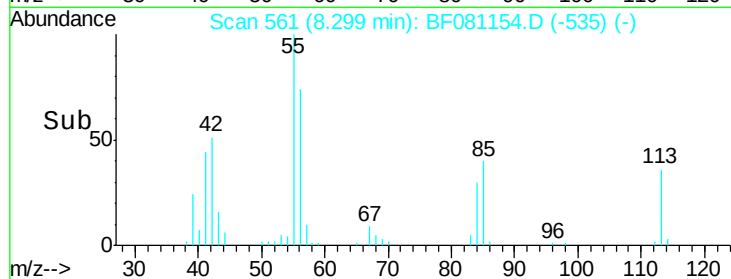
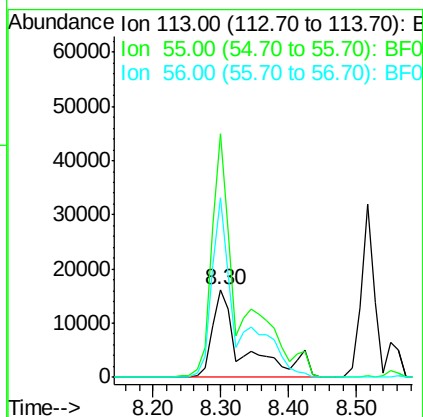
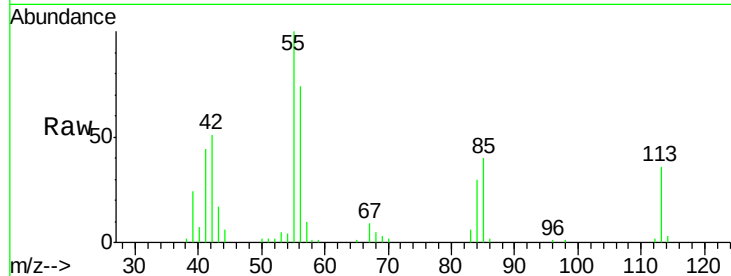
#35
 Caprolactam
 Concen: 45.16 ng m
 RT: 8.30 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	278.3	280.4	320.4#
56	205.9	205.9	245.9#

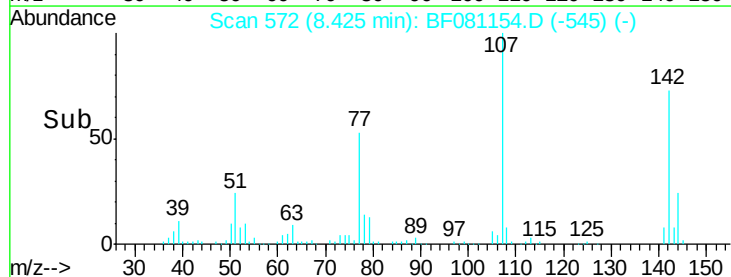
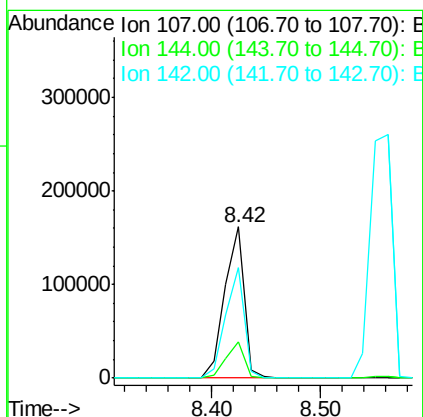
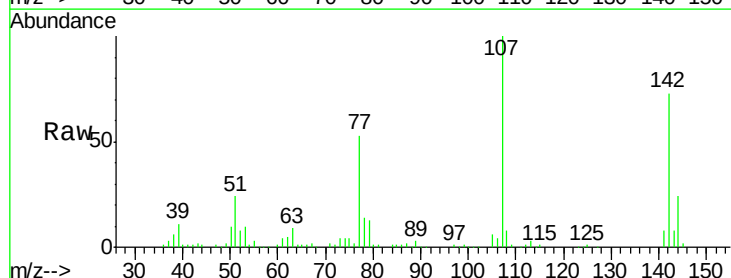
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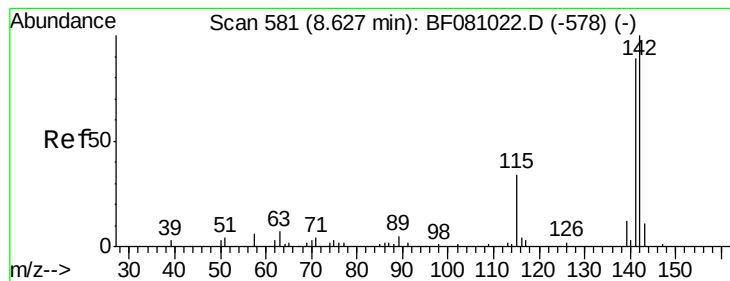
MMDadoda
 8/24/2015 11:23:53 AM



#36
 4-Chloro-3-methylphenol
 Concen: 50.89 ng
 RT: 8.42 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

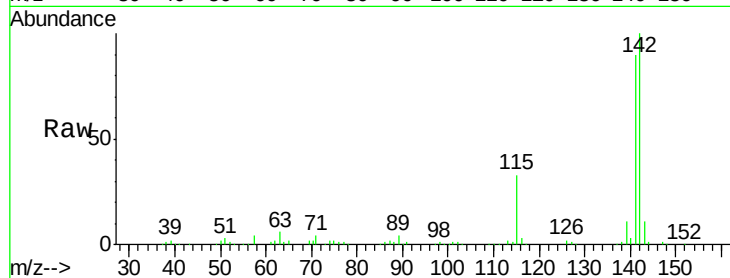
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	17.2	25.8
142	73.3	54.9	82.3





#37
 2-Methylnaphthalene
 Concen: 45.57 ng m
 RT: 8.56 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

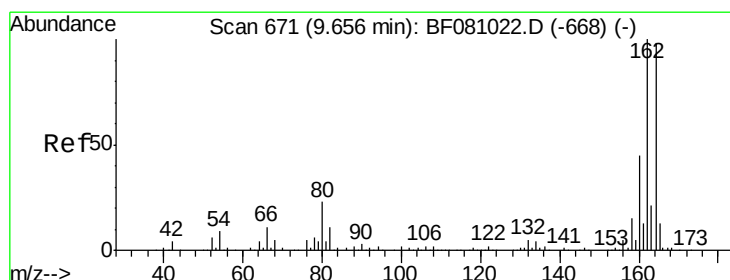
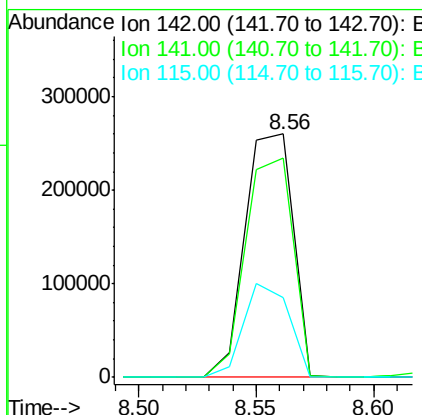
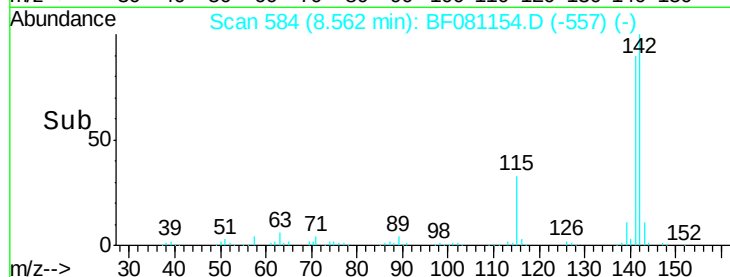
Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS



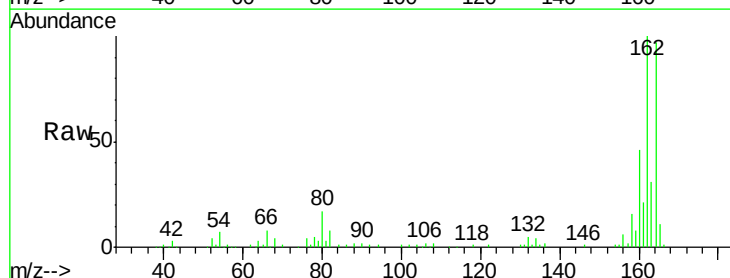
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	372381		
141	89.9	71.4	107.2	
115	32.7	33.4	50.0#	

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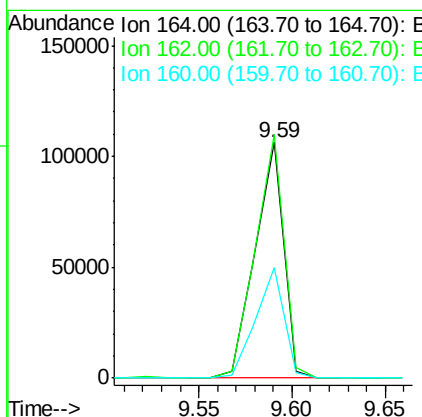
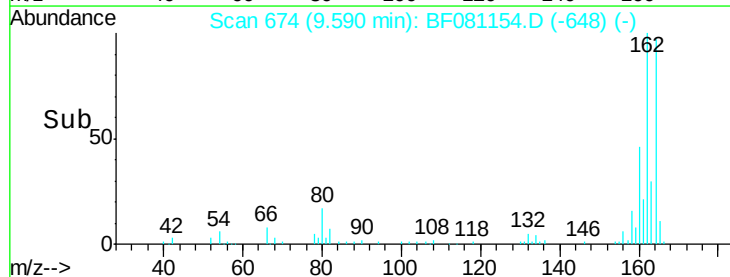
MMDadoda
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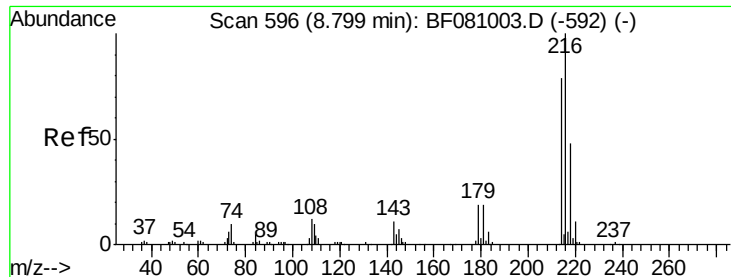


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45



Tgt Ion	Ratio	Resp	Lower	Upper
164	100	112057		
162	103.3	83.8	125.8	
160	47.1	39.8	59.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.49 ng

RT: 8.72 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

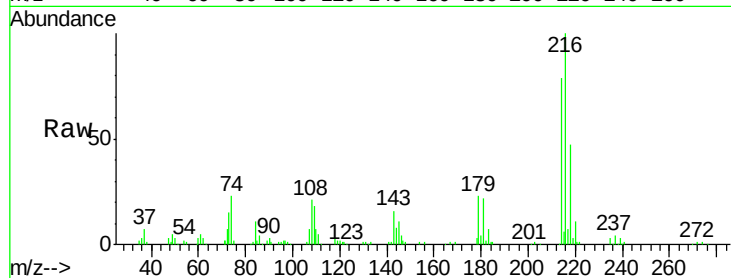
ClientSampleId :

TEC-C1MS

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	150008		
214	79.1	63.8	95.8	
179	23.1	17.8	26.8	
108	23.3	16.2	24.2	



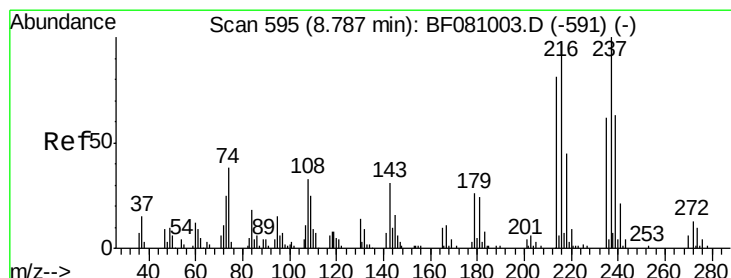
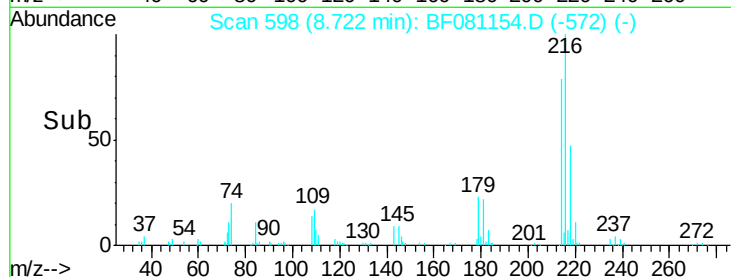
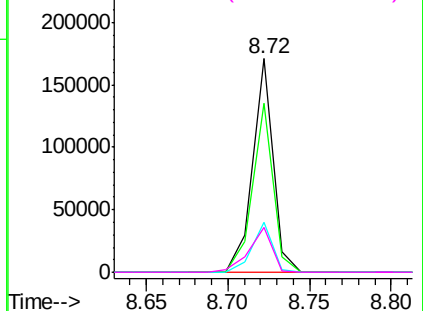
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 45.85 ng

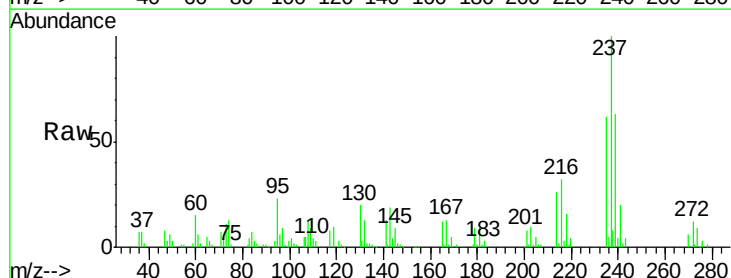
RT: 8.71 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	85790		
235	62.2	43.6	83.6	
272	11.7	0.0	32.2	

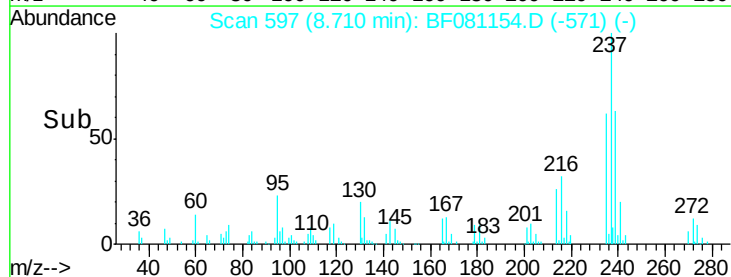
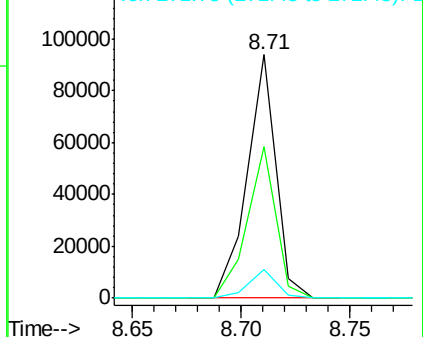


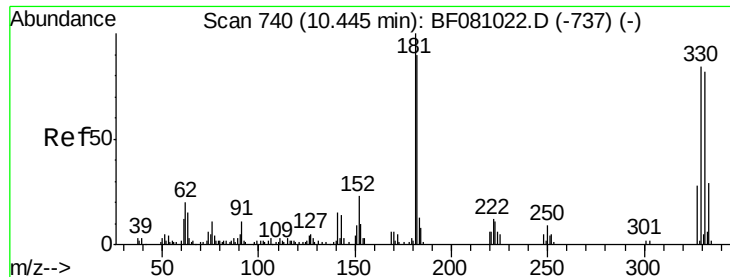
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 144.82 ng

RT: 10.38 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF081154.D

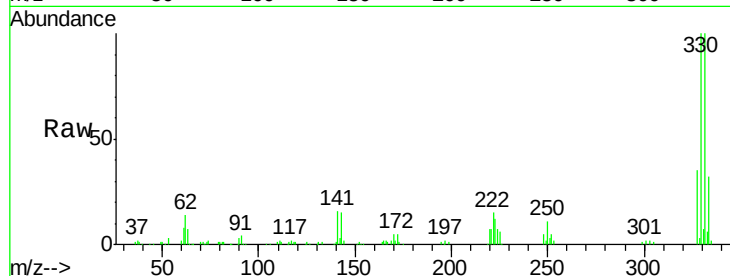
Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

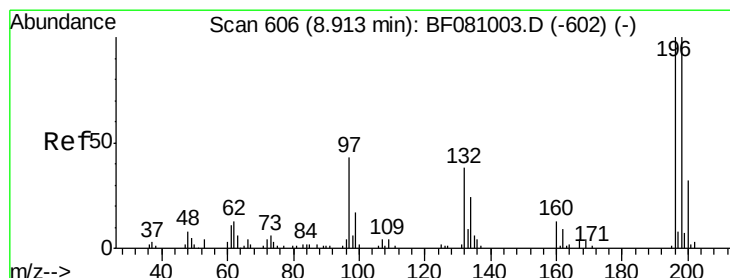
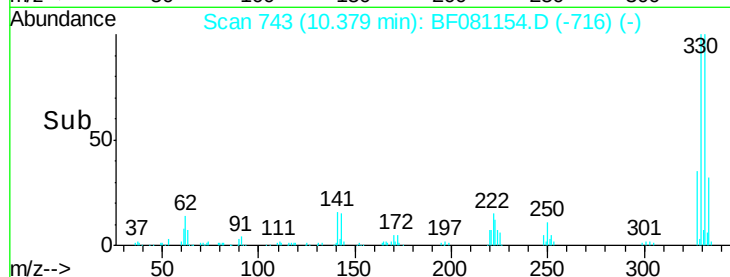
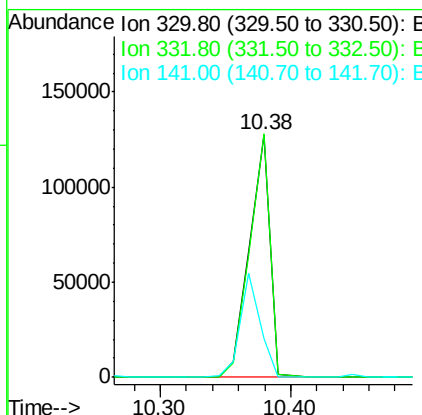
TEC-C1MS



Tgt Ion:	330	Resp:	140671
Ion Ratio	Lower	Upper	
330	100		
332	98.9	77.3	115.9
141	41.2	44.9	67.3#

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 39.95 ng

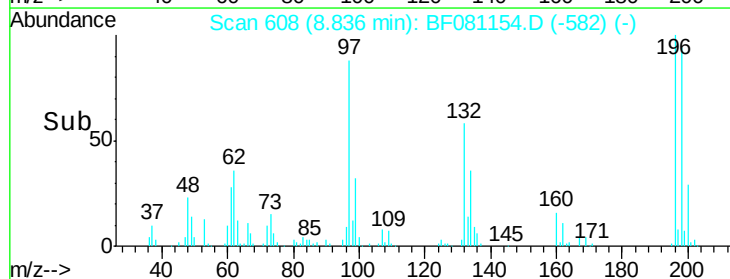
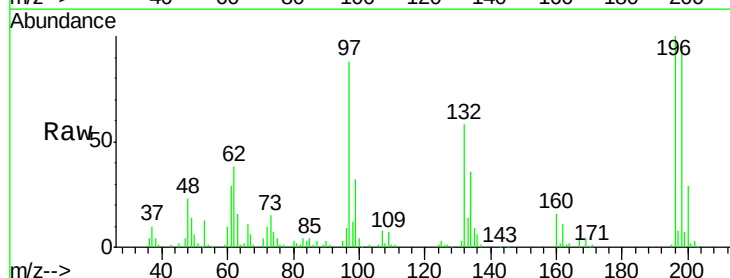
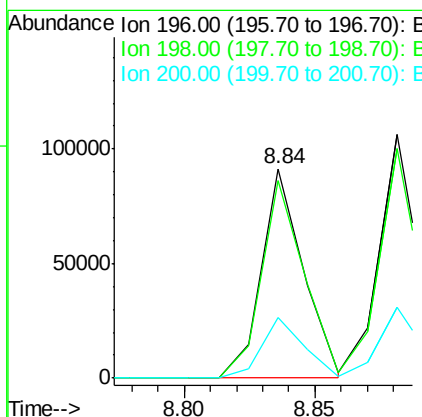
RT: 8.84 min Scan# 608

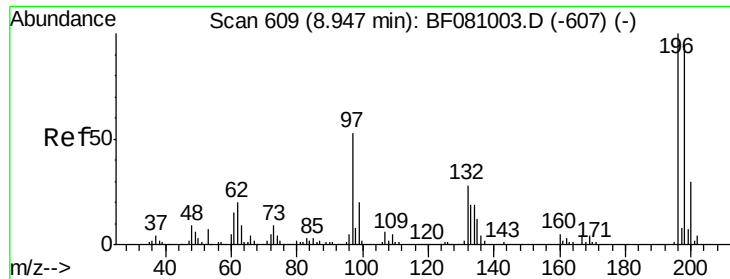
Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

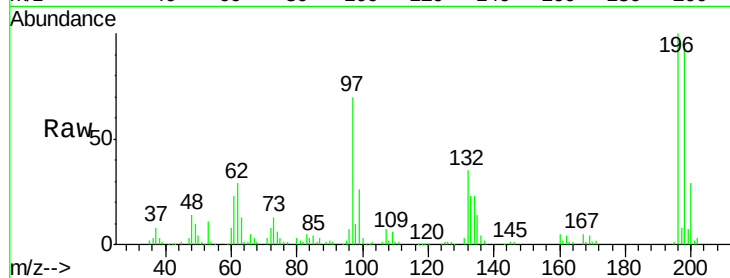
Tgt Ion:	196	Resp:	102029
Ion Ratio	Lower	Upper	
196	100		
198	94.2	74.6	111.8
200	29.0	22.7	34.1





#43
 2,4,5-Trichlorophenol
 Concen: 43.46 ng
 RT: 8.88 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

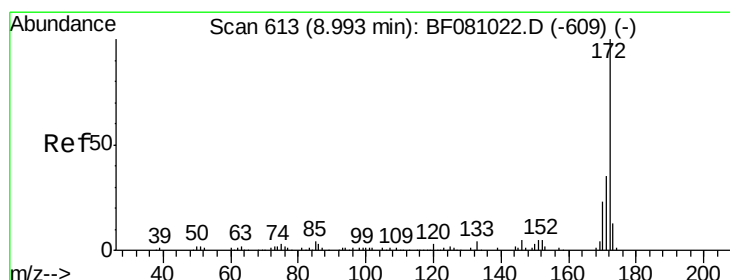
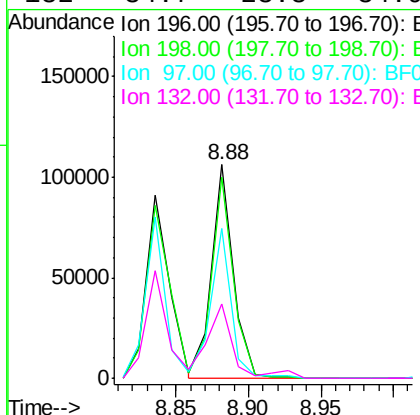
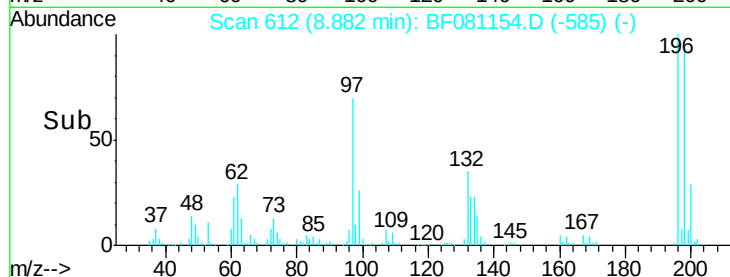
Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	110938		
198	94.3	78.3	117.5	
97	70.2	42.7	64.1#	
132	34.7	23.3	34.9	

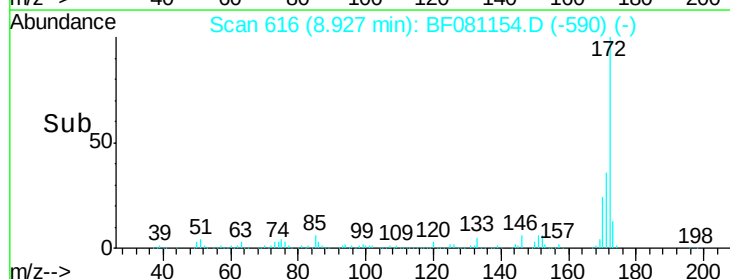
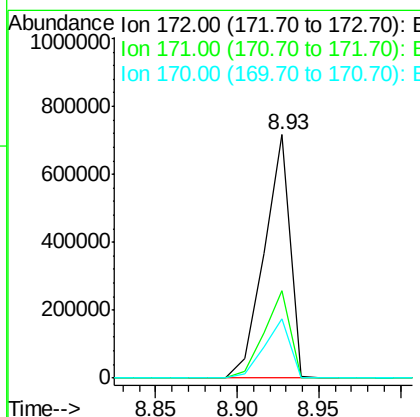
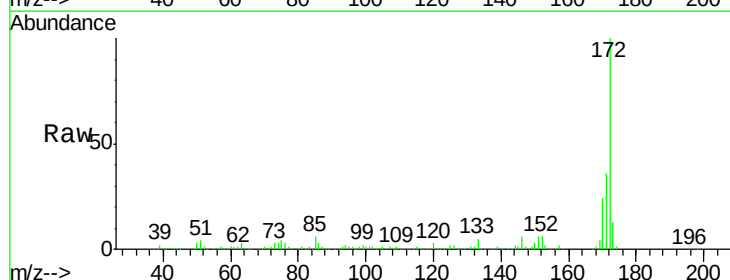
Manual Integrations
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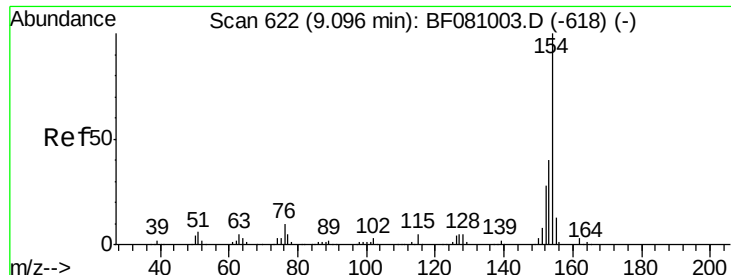
MMDadoda
 8/24/2015 11:23:53 AM



#44
 2-Fluorobiphenyl
 Concen: 92.21 ng
 RT: 8.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	788589		
171	36.1	28.9	43.3	
170	24.2	19.4	29.2	





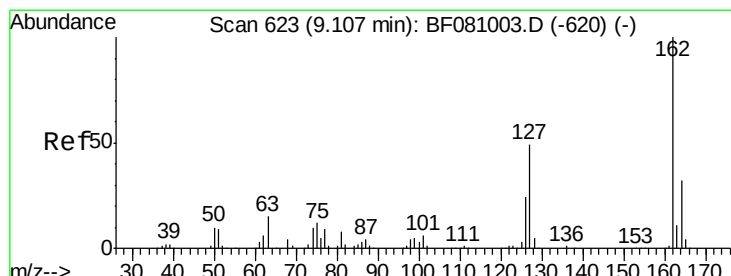
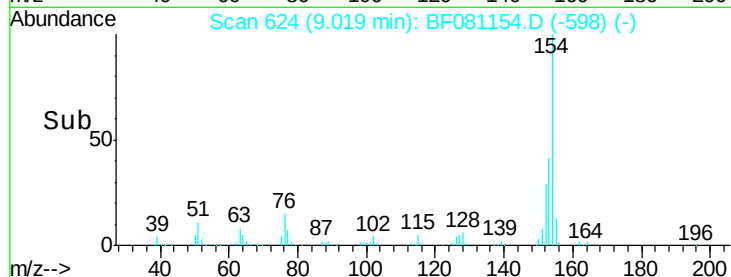
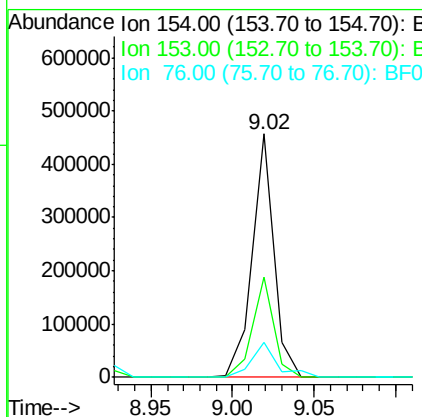
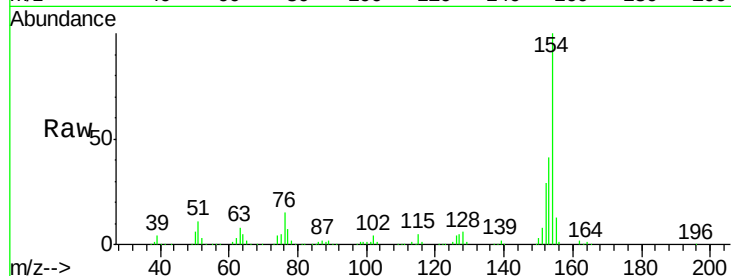
#45
 1,1'-Biphenyl
 Concen: 42.81 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS

Tgt Ion:	154	Resp:	422569
Ion Ratio	Lower	Upper	
154	100		
153	41.1	19.5	59.5
76	14.6	0.0	29.3

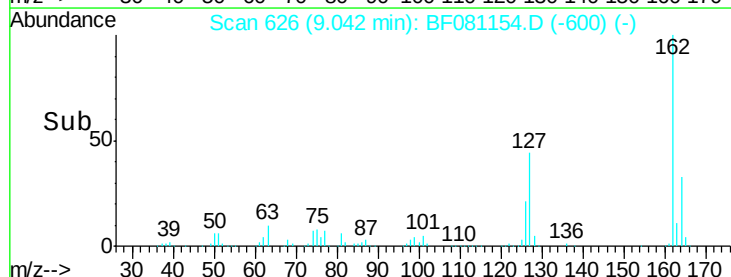
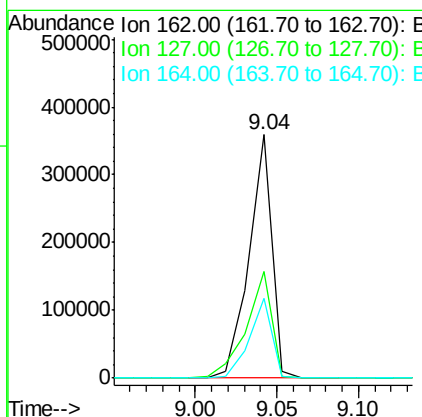
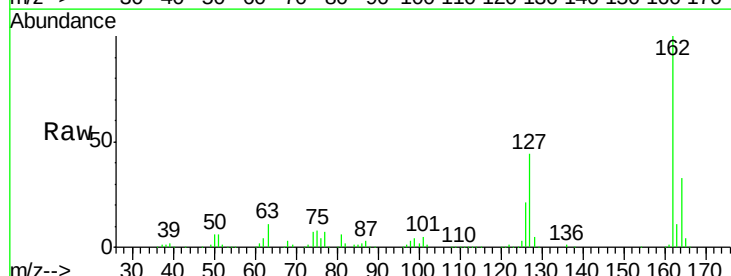
Manual Integrations
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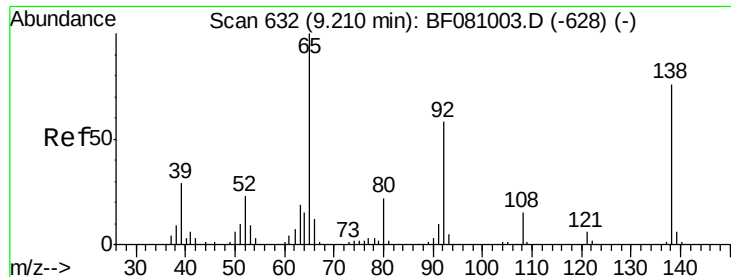
MMDadoda
 8/24/2015 11:23:53 AM



#46
 2-Chloronaphthalene
 Concen: 44.01 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion:	162	Resp:	349005
Ion Ratio	Lower	Upper	
162	100		
127	43.8	31.3	46.9
164	32.5	26.3	39.5





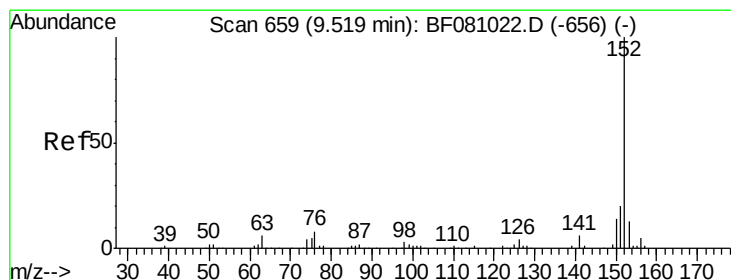
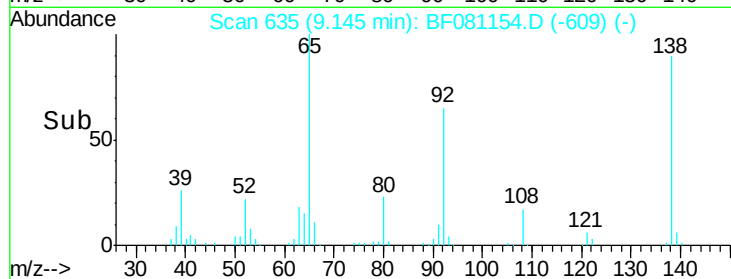
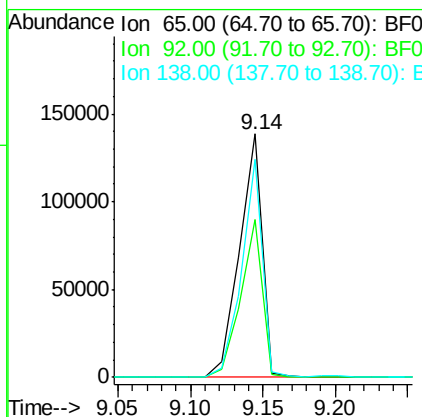
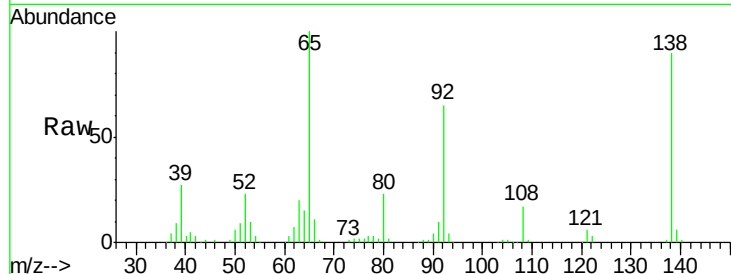
#47
2-Nitroaniline
Concen: 46.25 ng
RT: 9.14 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Instrument :
BNA_F
ClientSampleId :
TEC-C1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	64.9	45.6	68.4
138	89.7	57.9	86.9

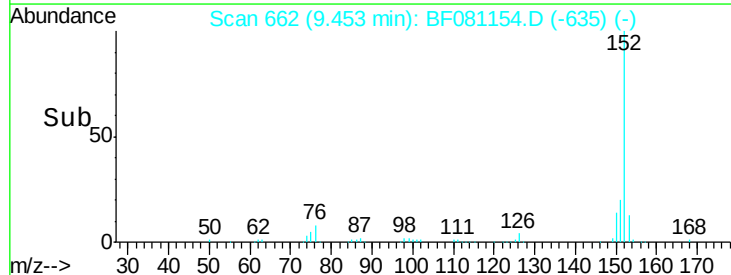
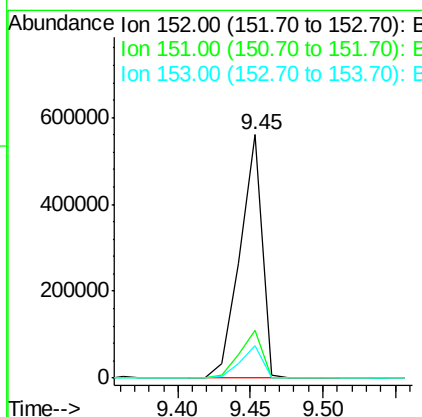
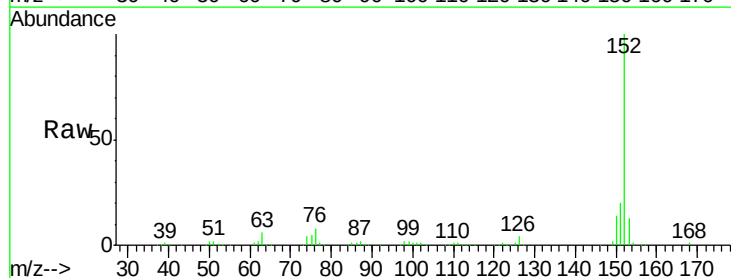
Manual Integrations
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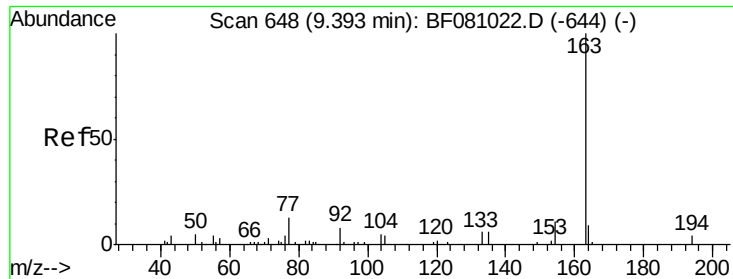
MMDadoda
8/24/2015 11:23:53 AM



#48
Acenaphthylene
Concen: 41.74 ng
RT: 9.45 min Scan# 662
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	19.9	16.1	24.1
153	13.1	9.8	14.6





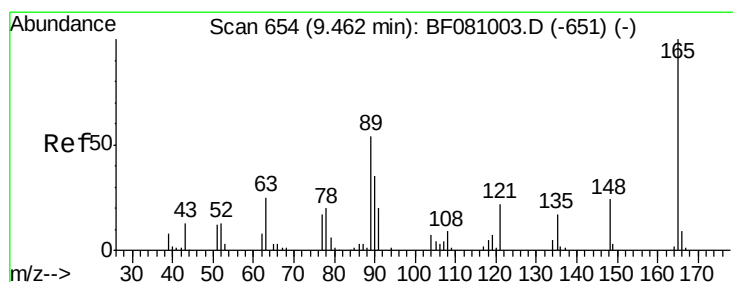
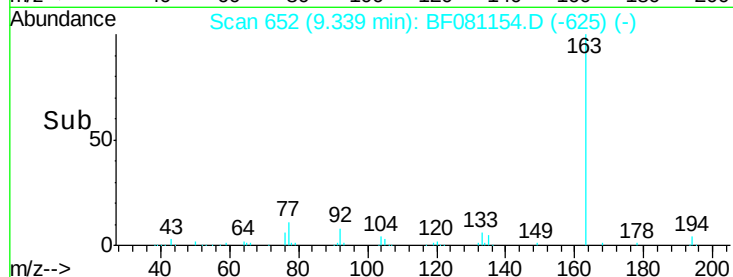
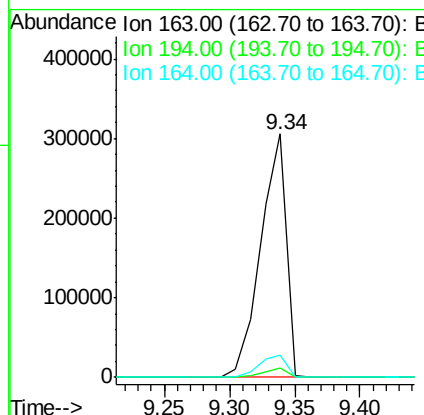
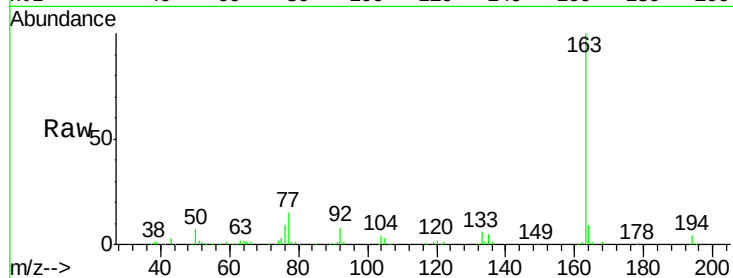
#49
Dimethylphthalate
Concen: 45.28 ng
RT: 9.34 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Instrument :
BNA_F
ClientSampleId :
TEC-C1MS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	417842		
194	3.7	2.5	3.7	
164	9.3	8.1	12.1	

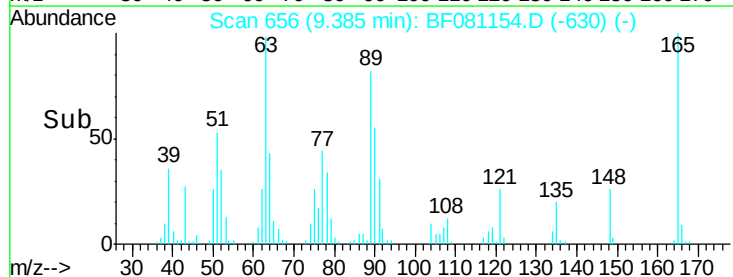
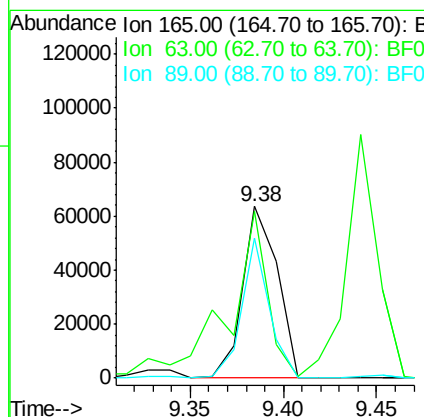
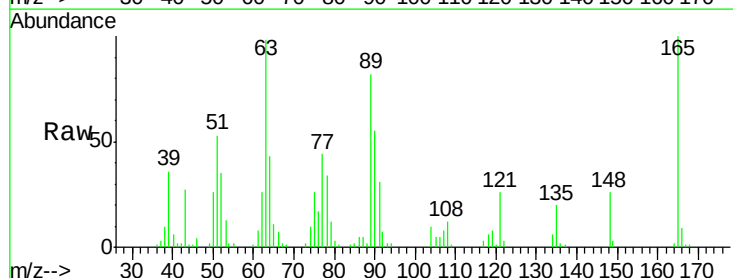
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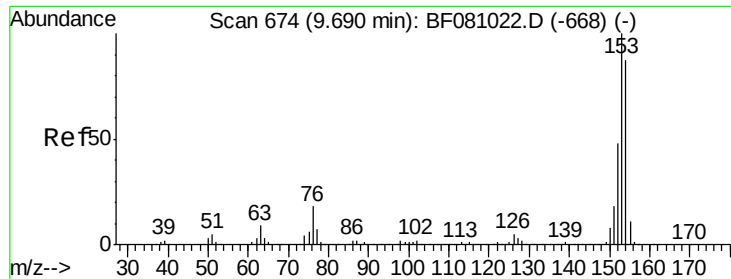
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 41.41 ng
RT: 9.38 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	82048		
63	97.6	49.5	74.3#	
89	81.6	47.6	71.4#	





#51

Acenaphthene

Concen: 40.97 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

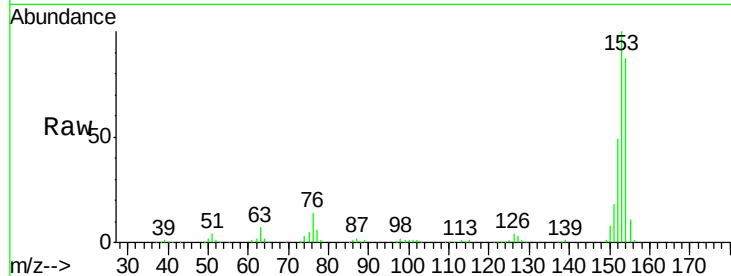
ClientSampleID :

TEC-C1MS

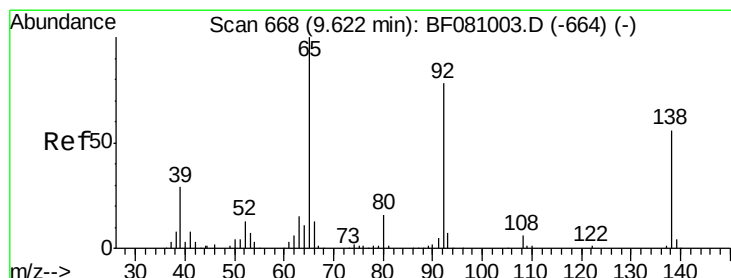
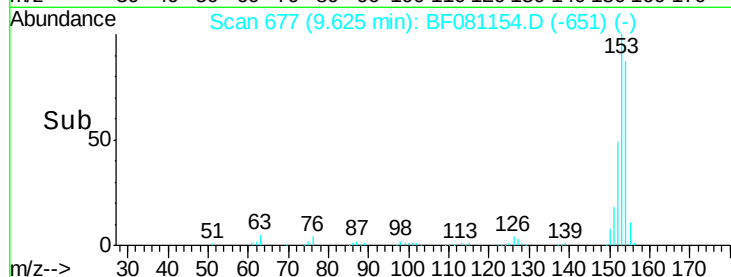
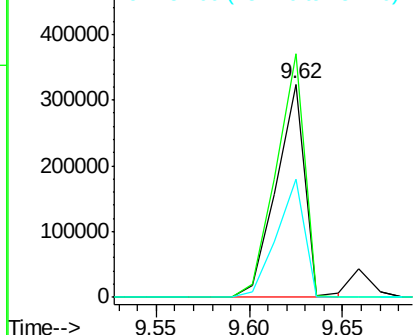
Manual Integrations
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Tgt Ion:	154	Resp:	347937
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.4	137.2
152	55.5	43.7	65.5



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



#52

3-Nitroaniline

Concen: 20.41 ng

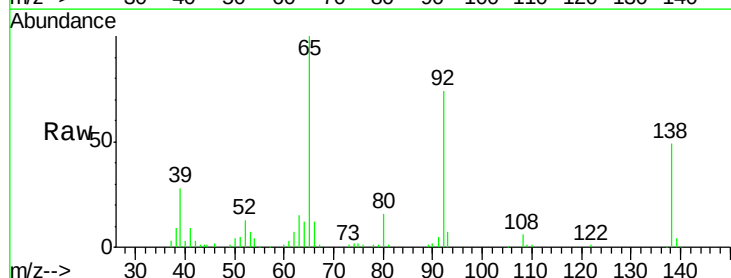
RT: 9.54 min Scan# 670

Delta R.T. -0.01 min

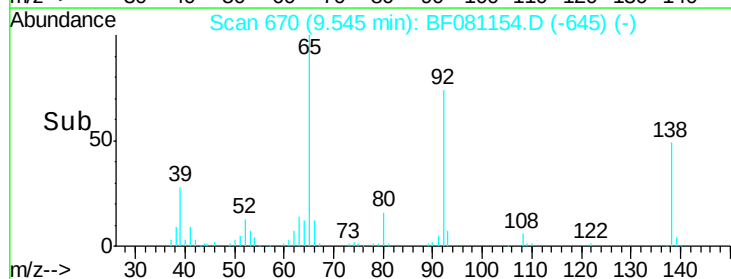
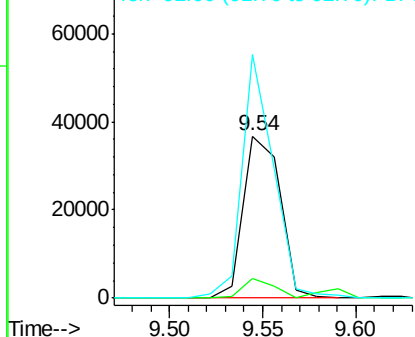
Lab File: BF081154.D

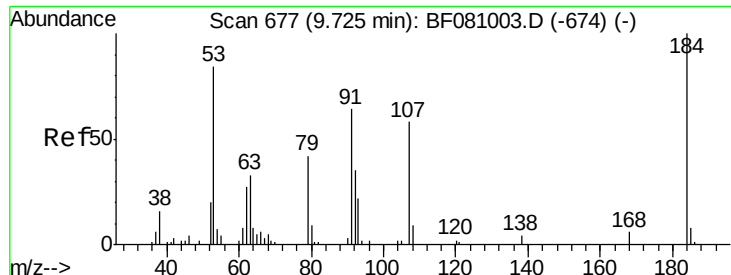
Acq: 21 Aug 2015 19:45

Tgt Ion:	138	Resp:	50614
Ion Ratio	Lower	Upper	
138	100		
108	12.5	9.4	14.2
92	150.2	113.2	169.8



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





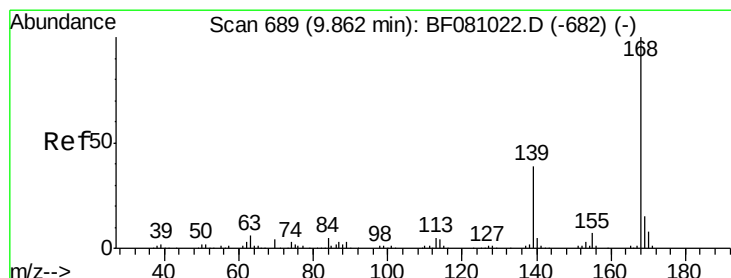
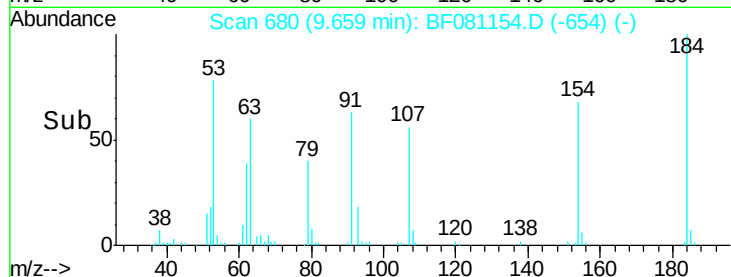
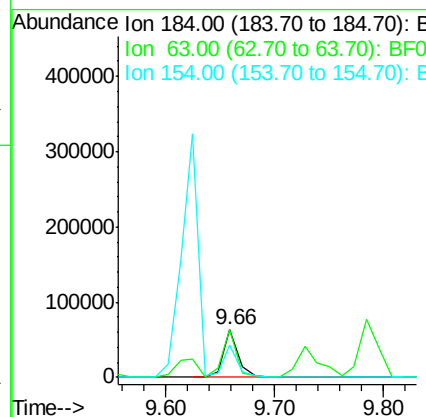
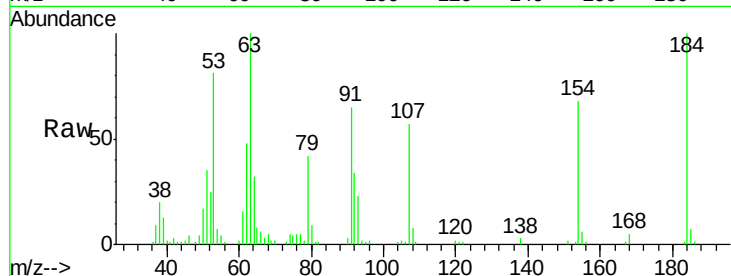
#53
2,4-Dinitrophenol
Concen: 60.63 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Instrument :
BNA_F
ClientSampleId :
TEC-C1MS

Tgt Ion:184 Resp: 63124
Ion Ratio Lower Upper
184 100
63 100.1 101.7 152.5#
154 68.4 67.4 101.0

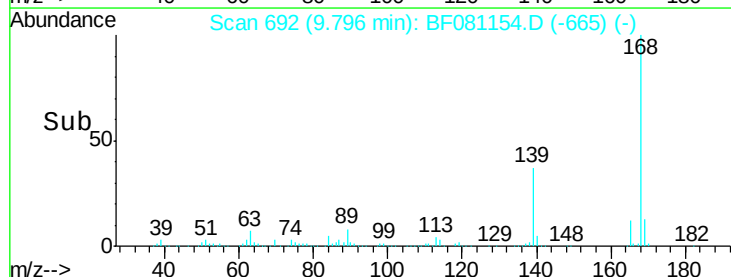
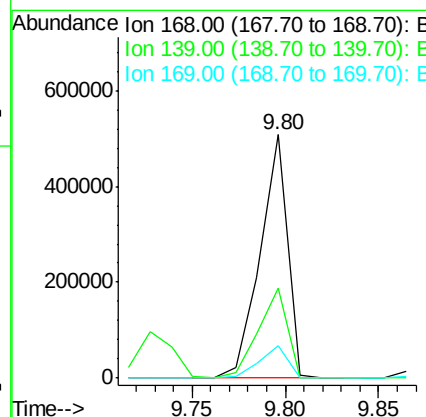
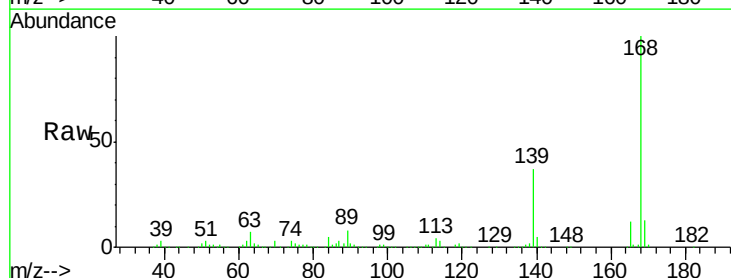
Manual Integrations
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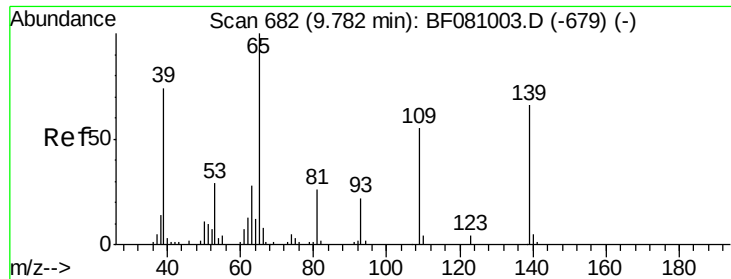
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#54
Dibenzofuran
Concen: 45.02 ng
RT: 9.80 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion:168 Resp: 512330
Ion Ratio Lower Upper
168 100
139 37.1 29.3 43.9
169 13.4 10.3 15.5





#55

4-Nitrophenol

Concen: 74.93 ng

RT: 9.73 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

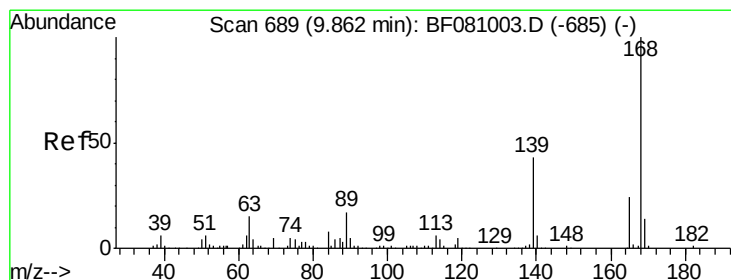
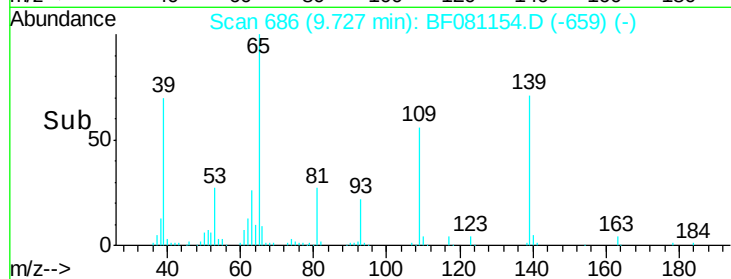
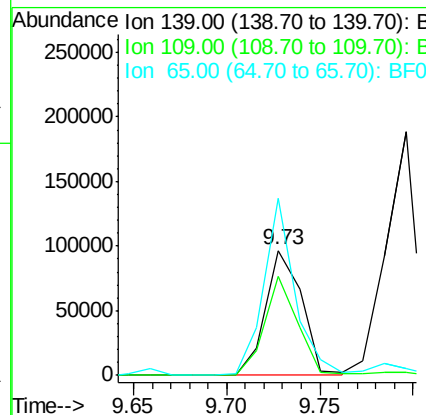
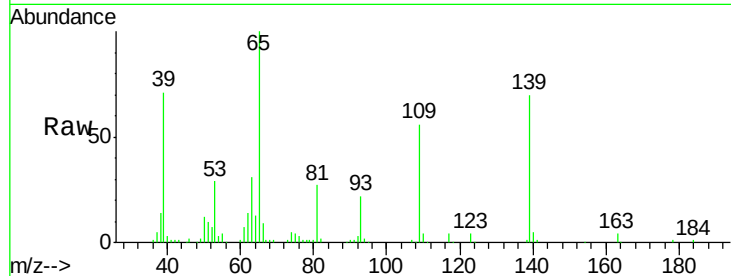
ClientSampleId :

TEC-C1MS

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	130485		
109	79.3	80.0	120.0#	
65	142.0	138.3	178.3	



#56

2,4-Dinitrotoluene

Concen: 41.63 ng

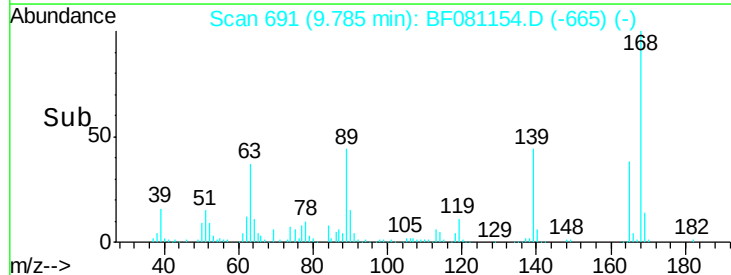
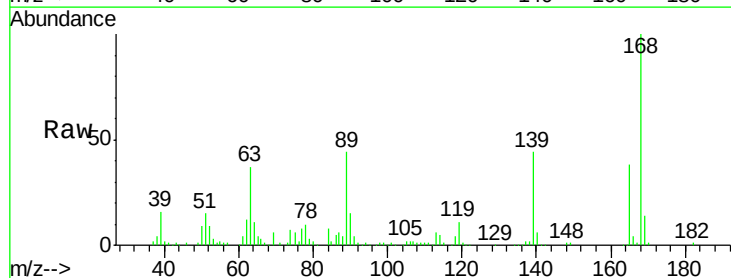
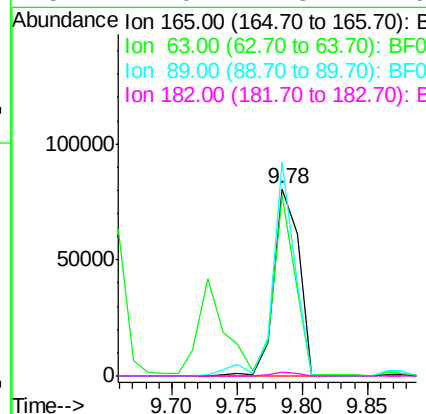
RT: 9.78 min Scan# 691

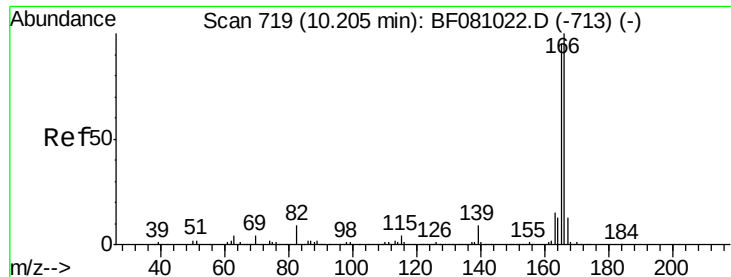
Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	109334		
63	96.4	52.2	78.4#	
89	114.0	60.1	90.1#	
182	2.0	1.8	2.6	





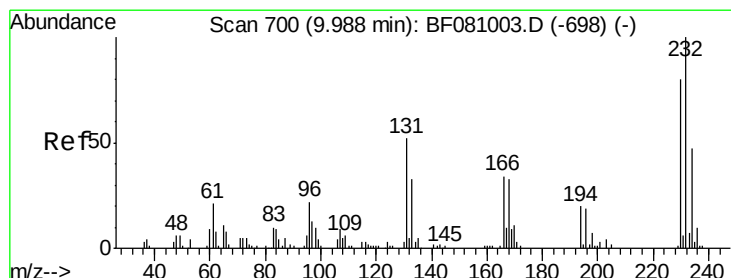
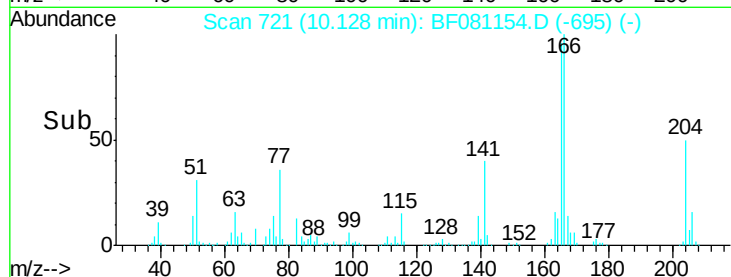
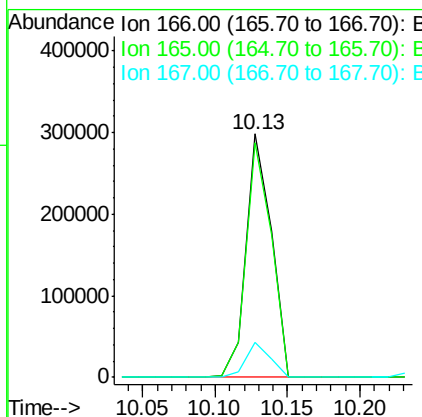
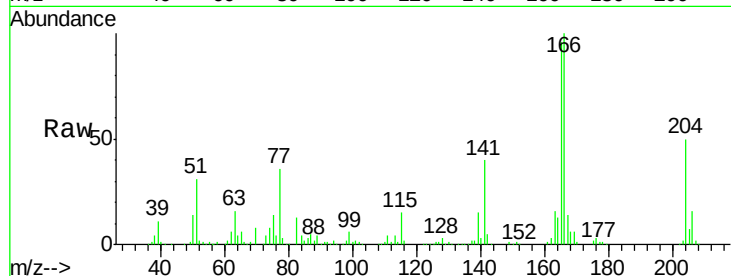
#57
 Fluorene
 Concen: 41.13 ng
 RT: 10.13 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	360053		
165	96.2	75.8	113.8	
167	14.2	11.3	16.9	

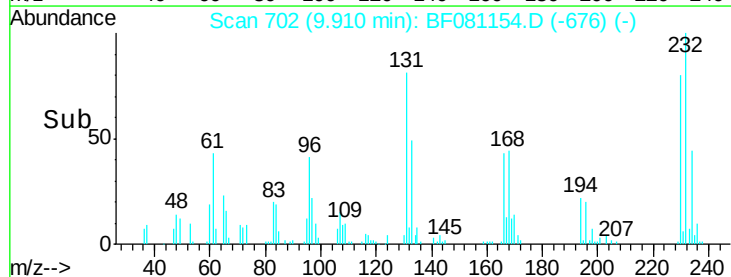
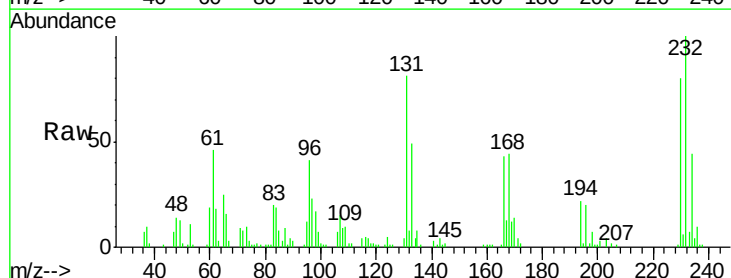
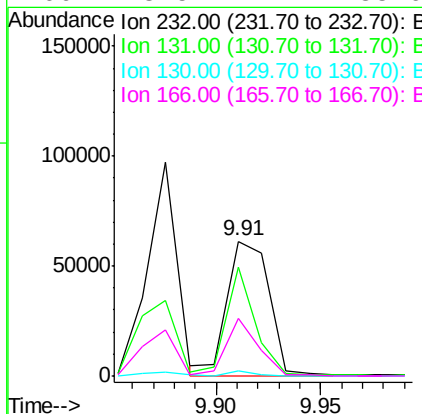
Manual Integrations
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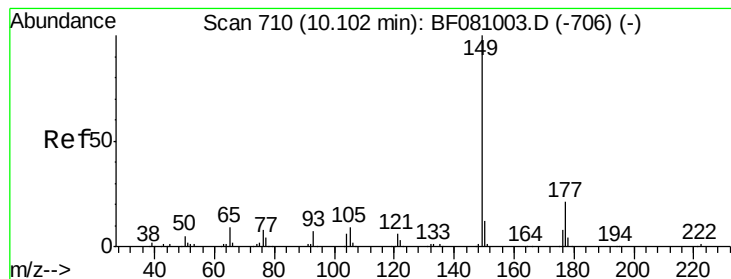
MMDadoda
 8/24/2015 11:23:53 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.81 ng m
 RT: 9.91 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	86556		
131	51.3	42.2	63.4	
130	2.7	2.1	3.1	
166	28.5	22.4	33.6	





#59

Diethylphthalate

Concen: 41.00 ng

RT: 10.02 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF081154.D

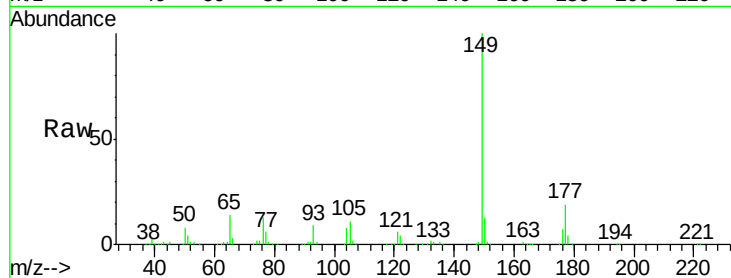
Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

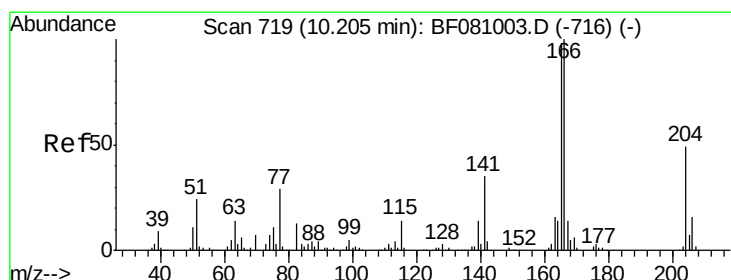
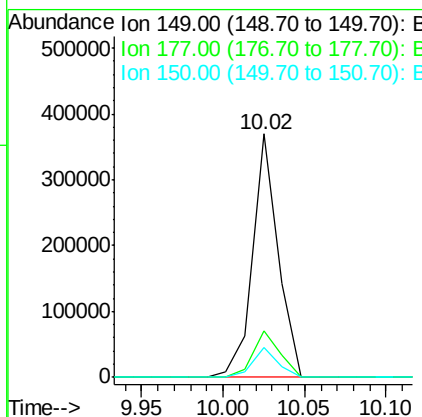
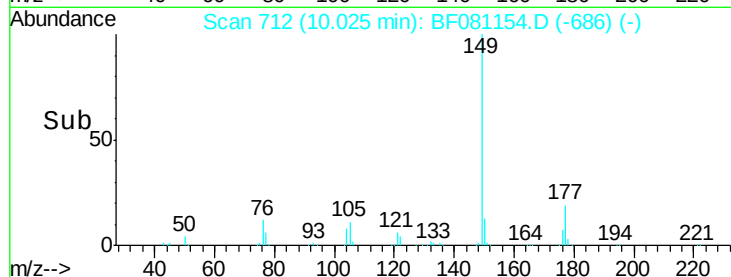
TEC-C1MS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	400495		
177	18.8	14.1	21.1	
150	12.5	10.3	15.5	

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#60

4-Chlorophenyl-phenylether

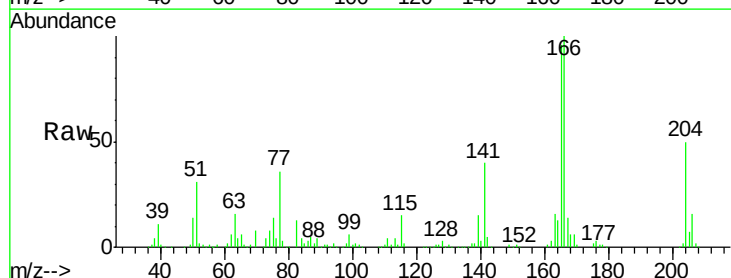
Concen: 42.29 ng

RT: 10.13 min Scan# 721

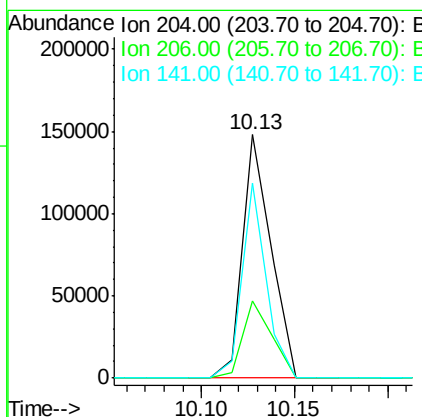
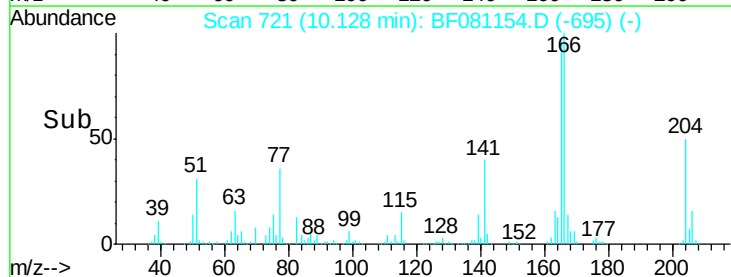
Delta R.T. -0.00 min

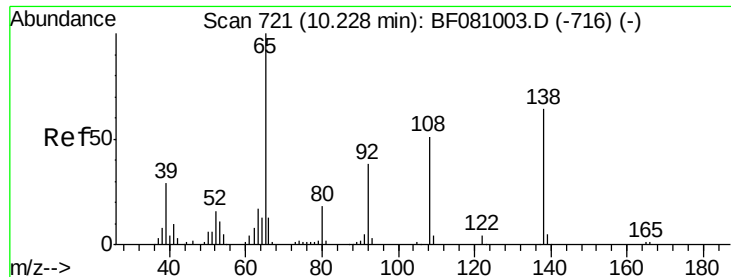
Lab File: BF081154.D

Acq: 21 Aug 2015 19:45



Tgt Ion	Ratio	Resp	Lower	Upper
204	100	156655		
206	32.0	26.2	39.2	
141	80.2	59.6	89.4	





#61

4-Nitroaniline

Concen: 33.06 ng

RT: 10.16 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

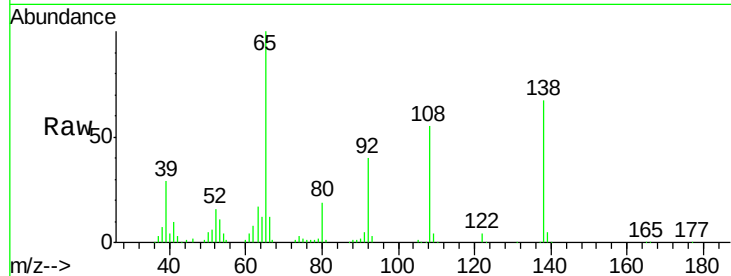
ClientSampleID :

TEC-C1MS

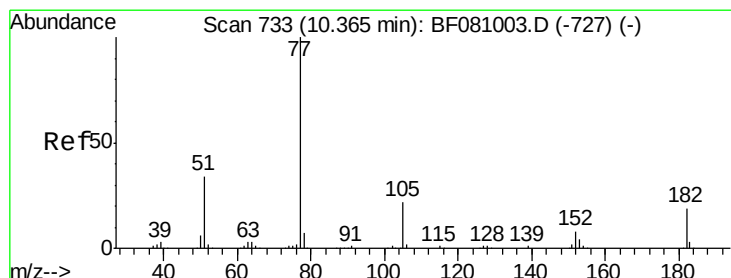
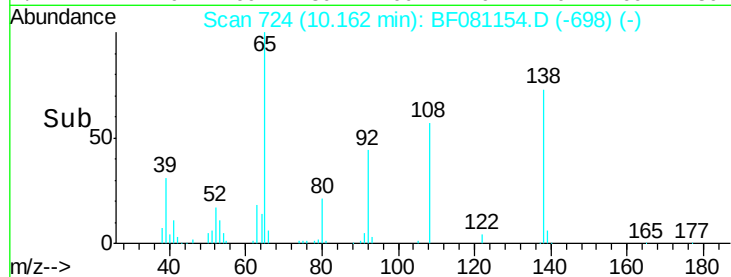
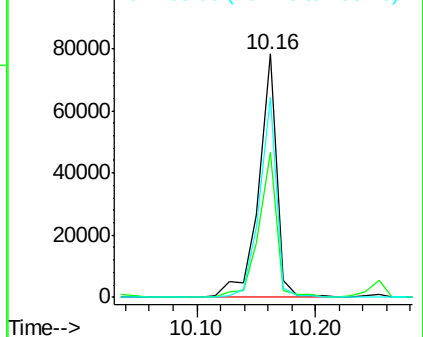
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Tgt Ion:	138	Resp:	83782
Ion	Ratio	Lower	Upper
138	100		
92	59.6	34.7	74.7
108	82.1	68.9	108.9



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



#62

Azobenzene

Concen: 43.96 ng

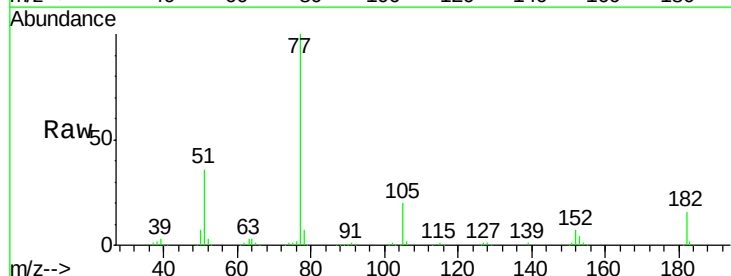
RT: 10.29 min Scan# 735

Delta R.T. -0.00 min

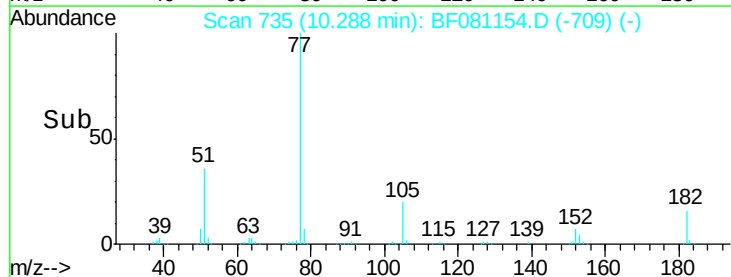
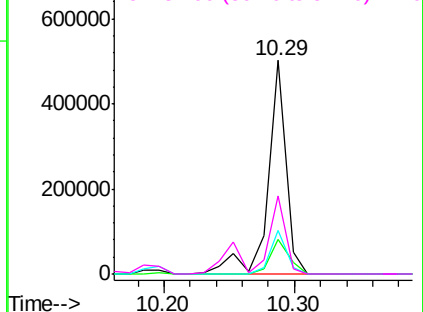
Lab File: BF081154.D

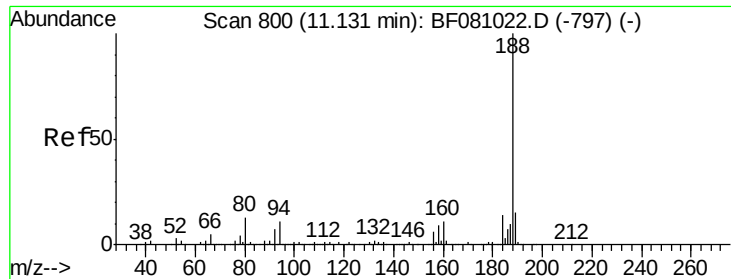
Acq: 21 Aug 2015 19:45

Tgt Ion:	77	Resp:	494845
Ion	Ratio	Lower	Upper
77	100		
182	15.9	0.0	39.0
105	20.1	0.2	40.2
51	36.5	18.0	58.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





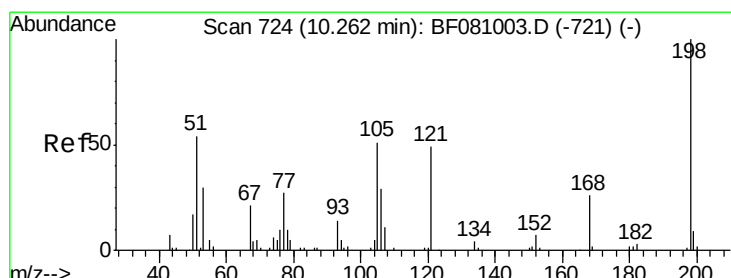
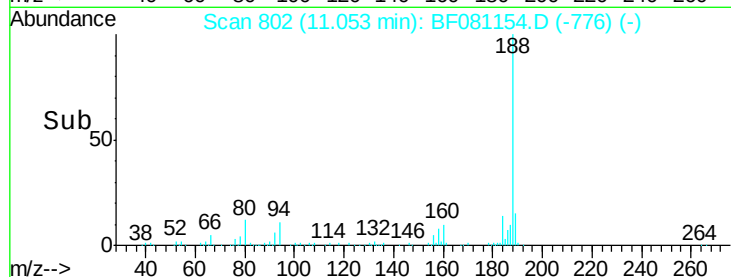
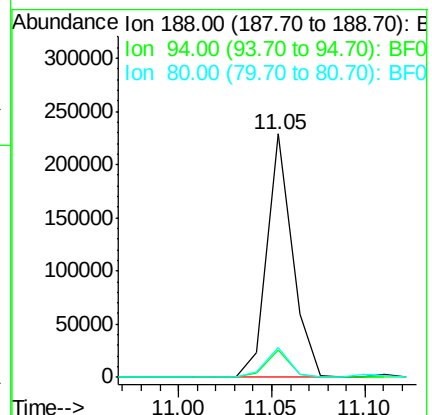
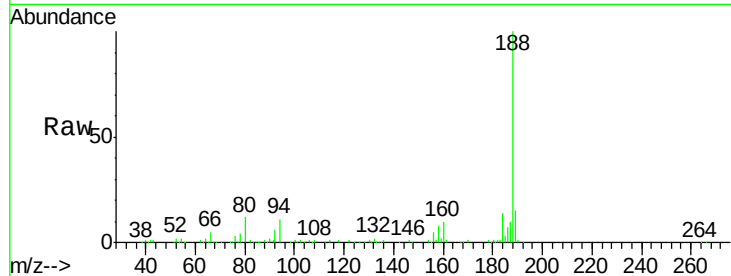
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Instrument :
BNA_F
ClientSampleId :
TEC-C1MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	214696		
94	11.3	8.2	12.2	
80	12.1	9.5	14.3	

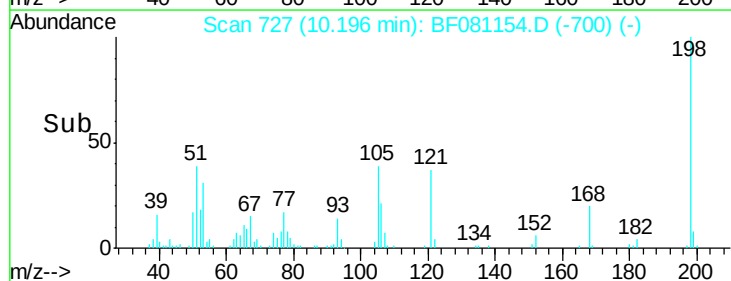
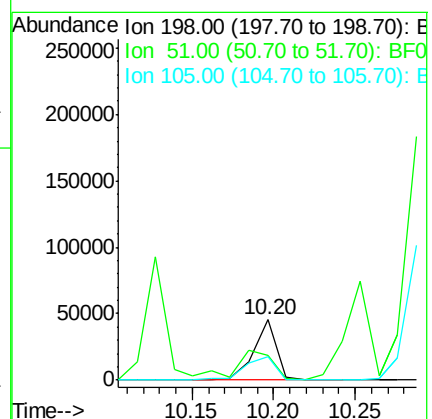
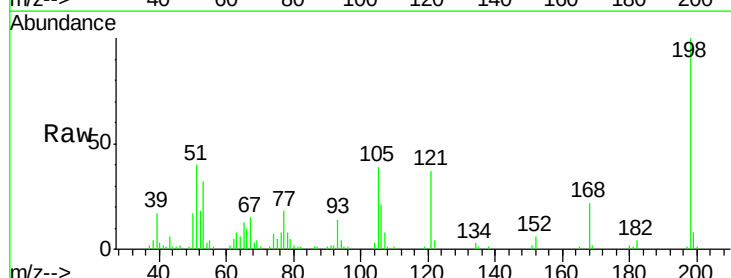
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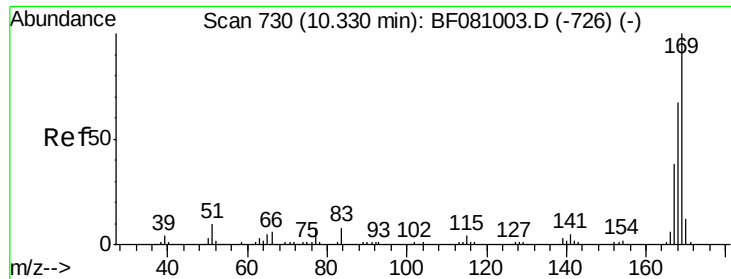
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.00 ng
RT: 10.20 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	43588		
51	40.3	79.7	119.7#	
105	38.9	47.0	87.0#	





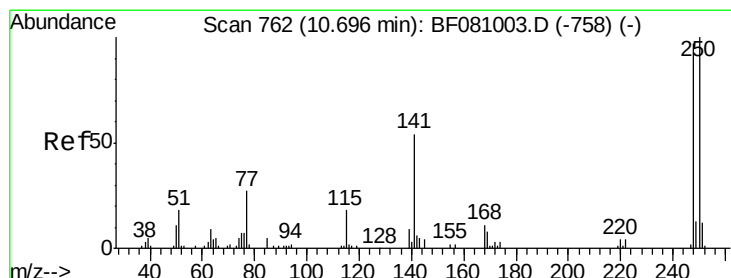
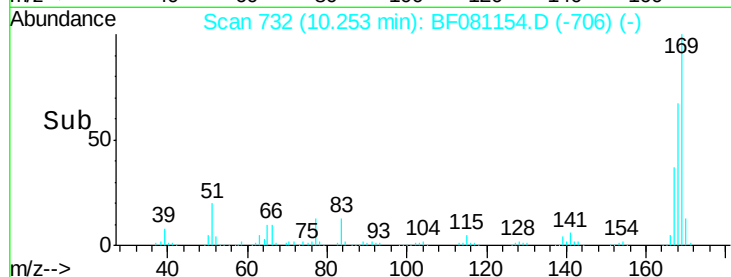
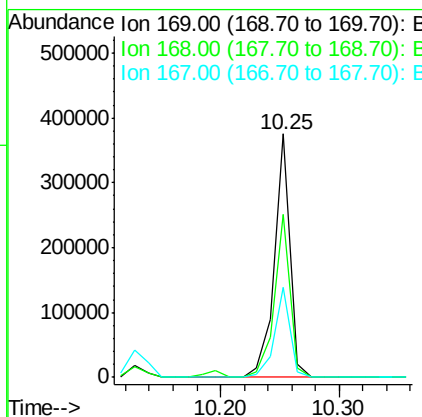
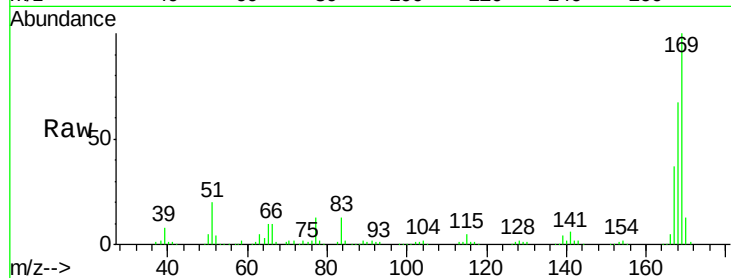
#65
 n-Nitrosodiphenylamine
 Concen: 44.75 ng
 RT: 10.25 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	342969		
168	67.0	55.3	82.9	
167	37.2	30.8	46.2	

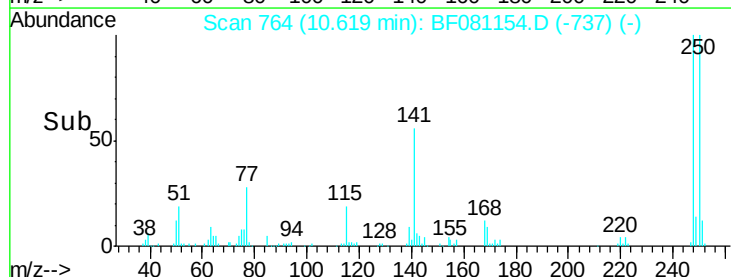
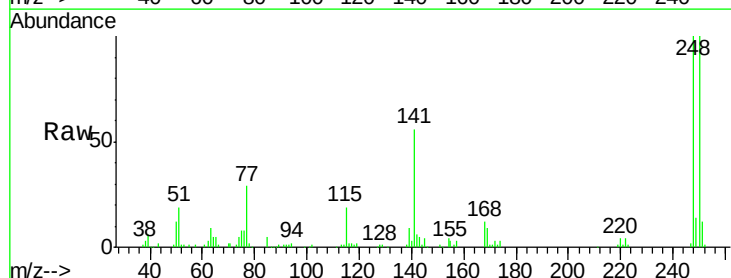
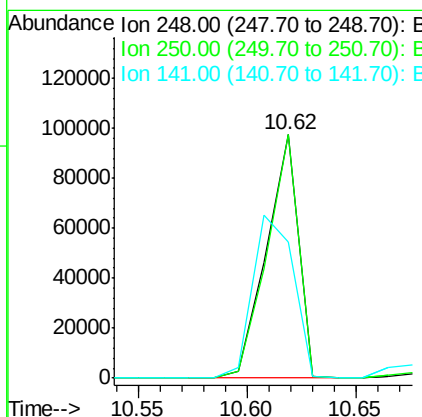
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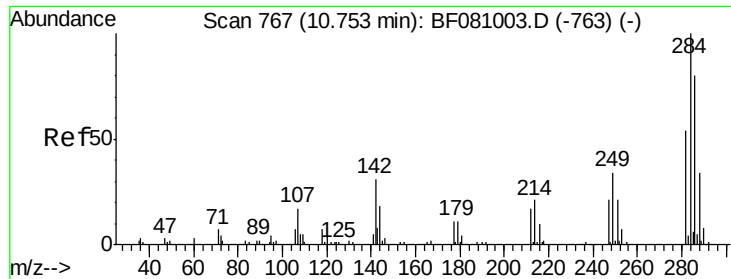
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#66
 4-Bromophenyl-phenylether
 Concen: 47.91 ng
 RT: 10.62 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	101053		
250	99.8	77.8	116.6	
141	56.1	39.8	59.6	





#67

Hexachlorobenzene

Concen: 49.18 ng

RT: 10.68 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF081154.D

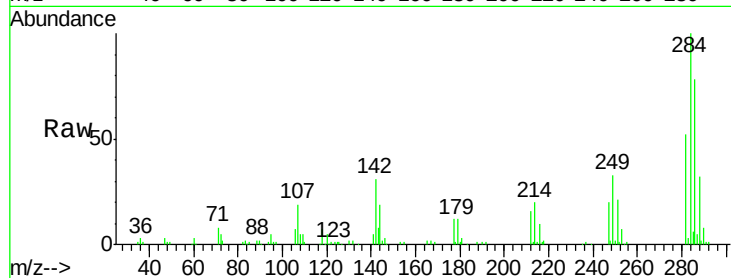
Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

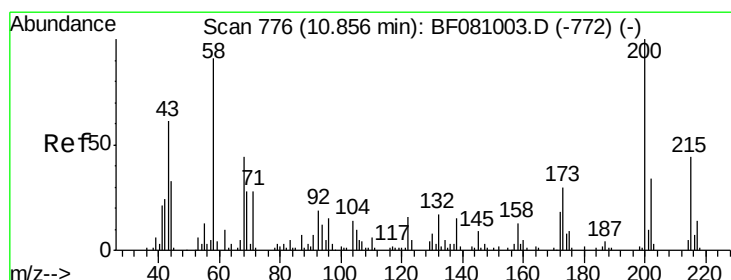
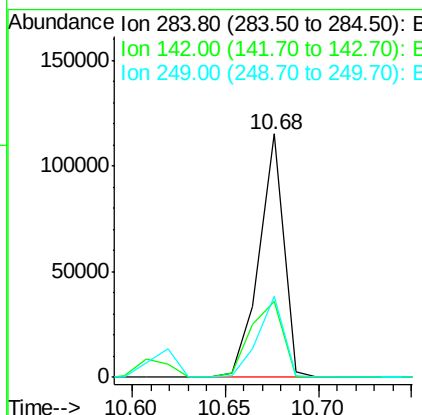
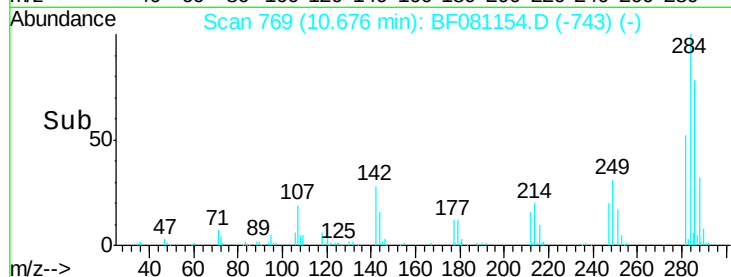
TEC-C1MS



Tgt Ion:	284	Resp:	105040
Ion Ratio	Lower	Upper	
284	100		
142	31.3	25.4	38.0
249	33.1	28.5	42.7

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#68

Atrazine

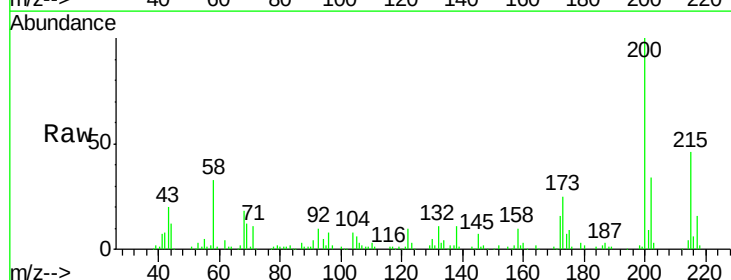
Concen: 54.26 ng

RT: 10.79 min Scan# 779

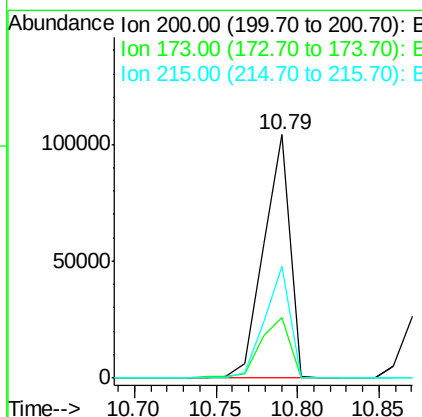
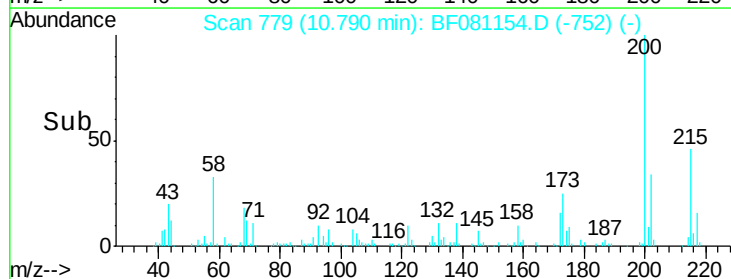
Delta R.T. 0.01 min

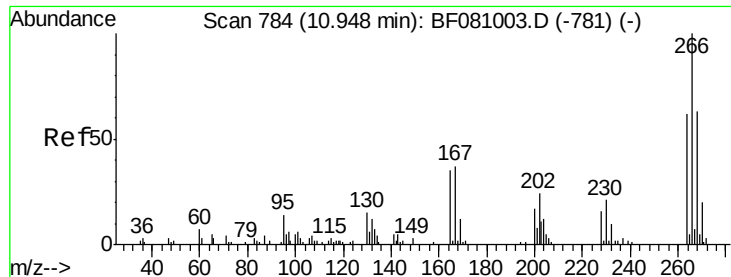
Lab File: BF081154.D

Acq: 21 Aug 2015 19:45



Tgt Ion:	200	Resp:	115866
Ion Ratio	Lower	Upper	
200	100		
173	24.9	8.1	48.1
215	45.9	23.3	63.3





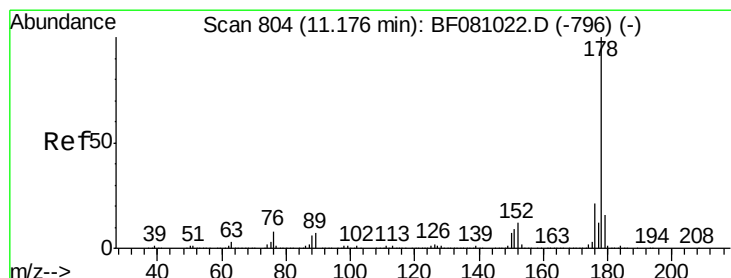
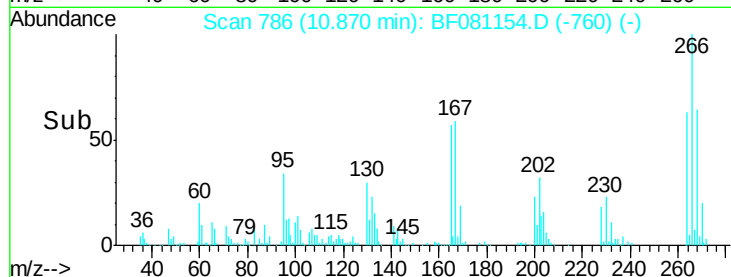
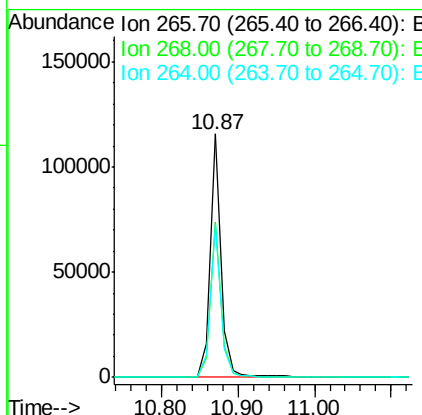
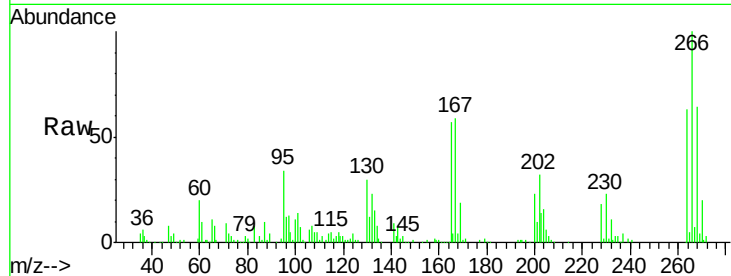
#69
 Pentachlorophenol
 Concen: 87.60 ng
 RT: 10.87 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	112264		
268	63.8	51.2	76.8	
264	62.8	50.6	75.8	

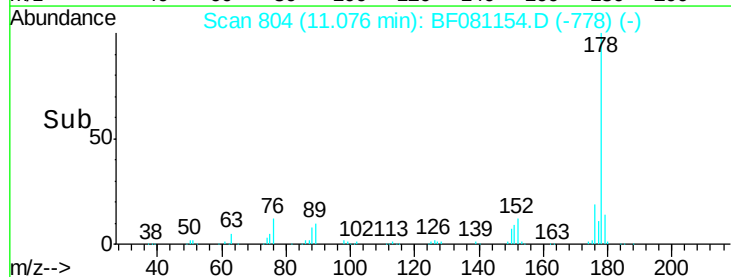
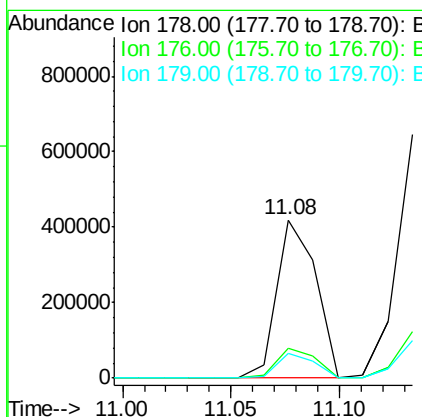
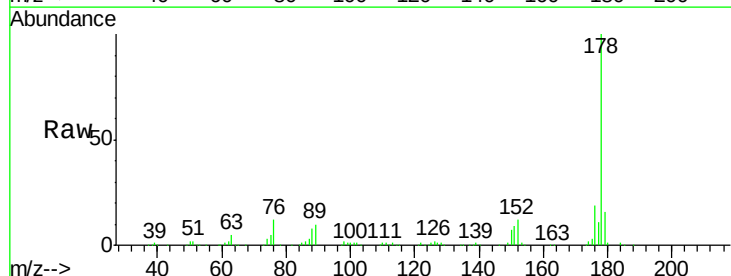
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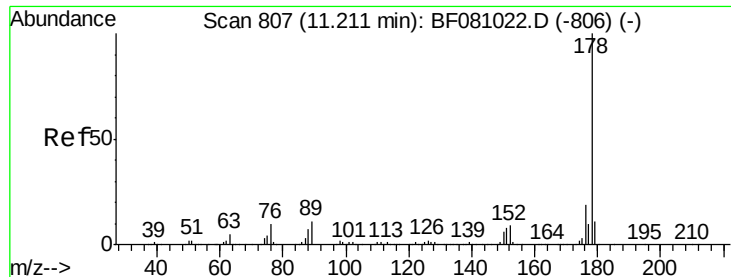
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#70
 Phenanthrene
 Concen: 41.49 ng
 RT: 11.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	527951		
176	19.1	15.7	23.5	
179	15.7	12.2	18.2	





#71

Anthracene

Concen: 45.85 ng

RT: 11.13 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

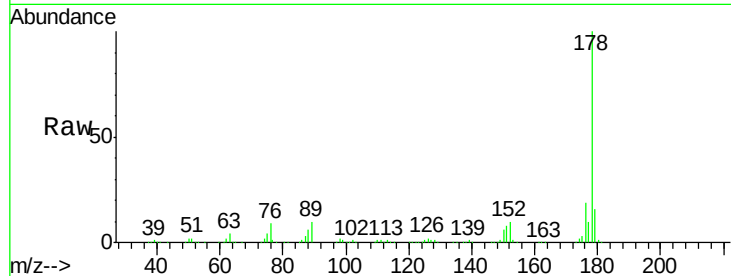
ClientSampleId :

TEC-C1MS

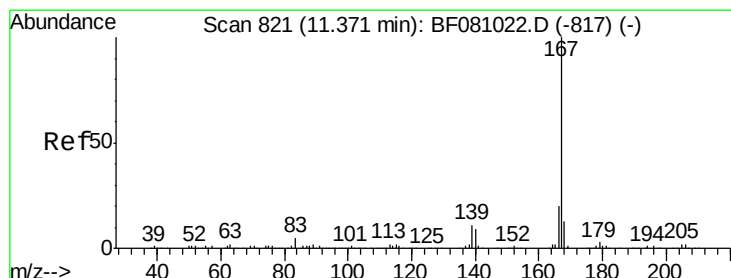
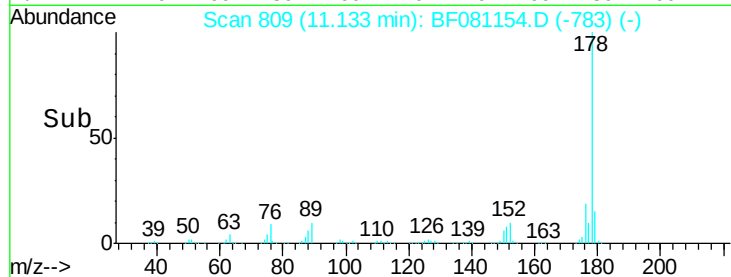
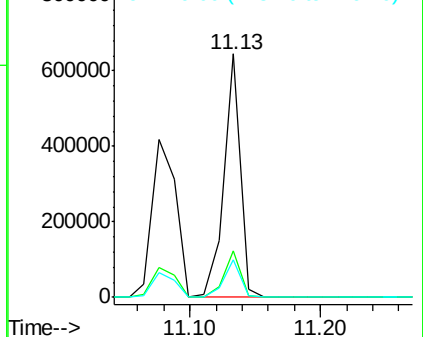
Tgt Ion:	178	Resp:	567673
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.7	23.5
179	15.5	12.7	19.1

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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



#72

Carbazole

Concen: 48.85 ng

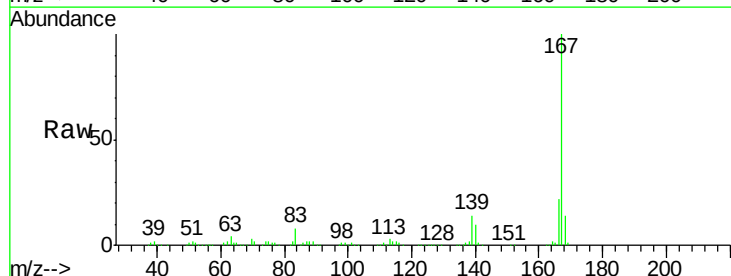
RT: 11.29 min Scan# 823

Delta R.T. -0.00 min

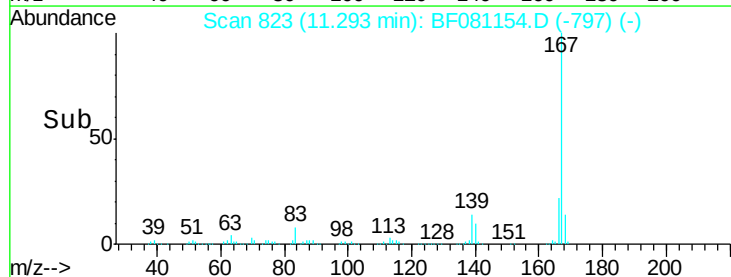
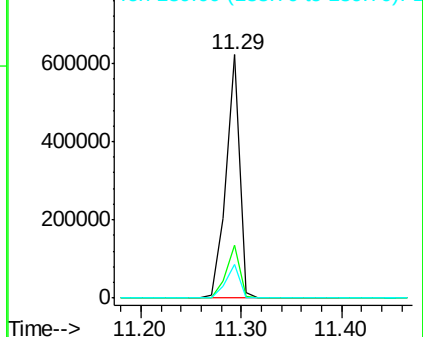
Lab File: BF081154.D

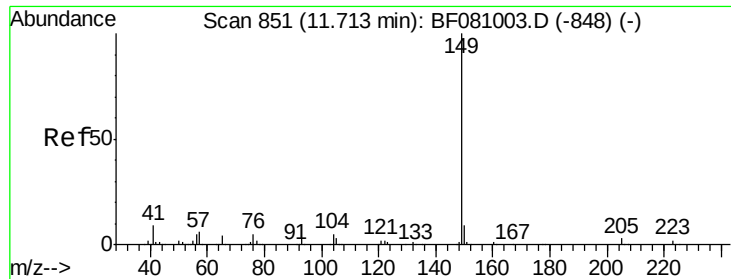
Acq: 21 Aug 2015 19:45

Tgt Ion:	167	Resp:	582381
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.4	26.0
139	13.6	10.6	16.0



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





#73

Di-n-butylphthalate

Concen: 45.48 ng

RT: 11.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

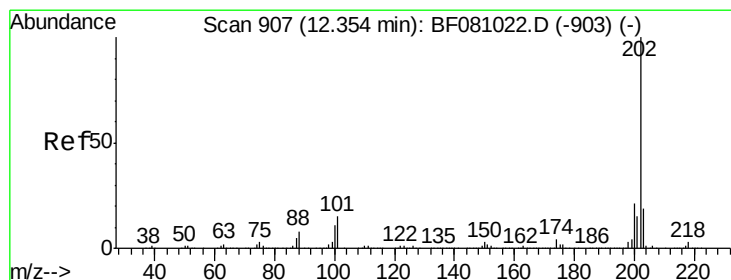
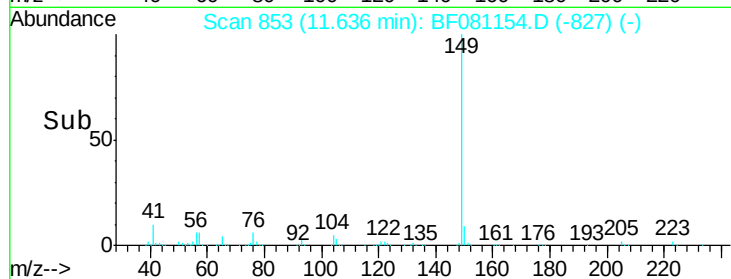
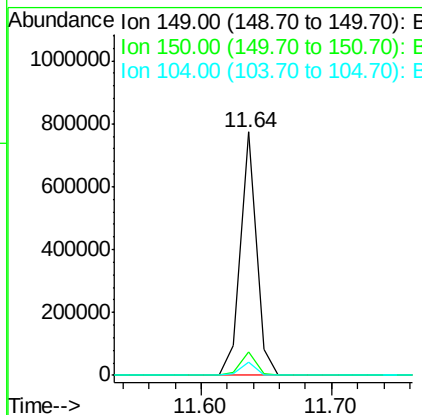
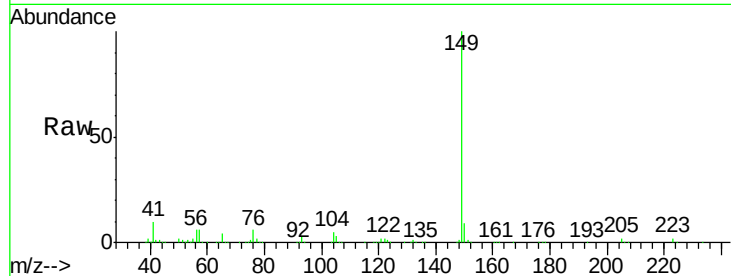
ClientSampleId :

TEC-C1MS

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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	656095		
150	9.5	7.1	10.7	
104	5.2	3.9	5.9	



#74

Fluoranthene

Concen: 38.64 ng

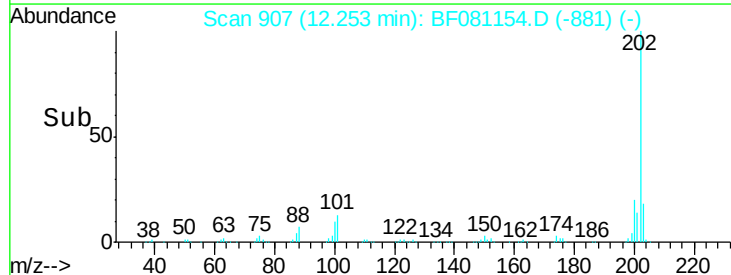
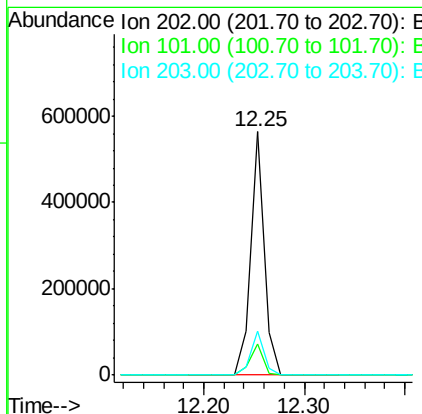
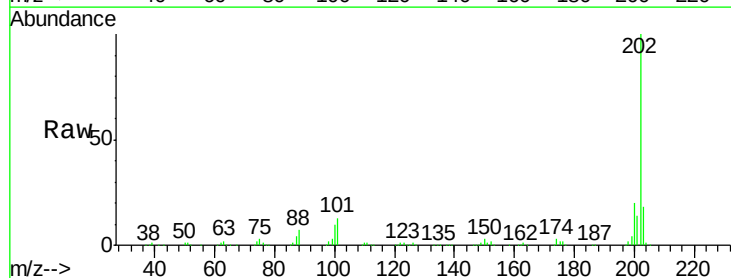
RT: 12.25 min Scan# 907

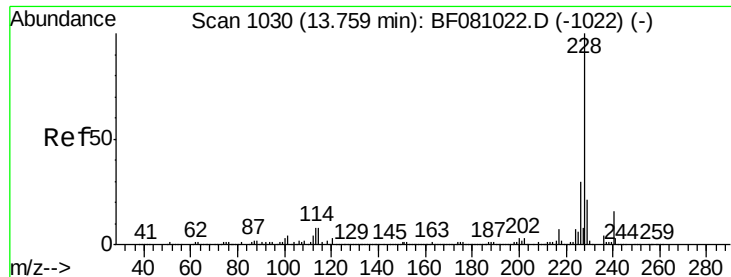
Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	530543		
101	13.0	0.0	24.8	
203	18.1	0.0	36.9	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

TEC-C1MS

Tgt Ion:240 Resp: 162768
Ion Ratio Lower Upper

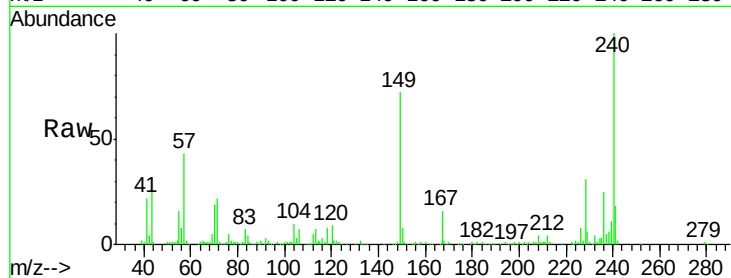
240 100

120 9.1 5.6 8.4#

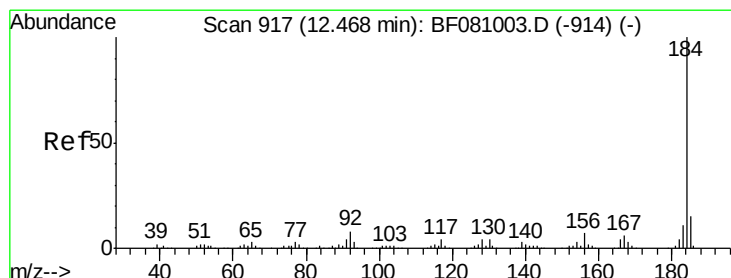
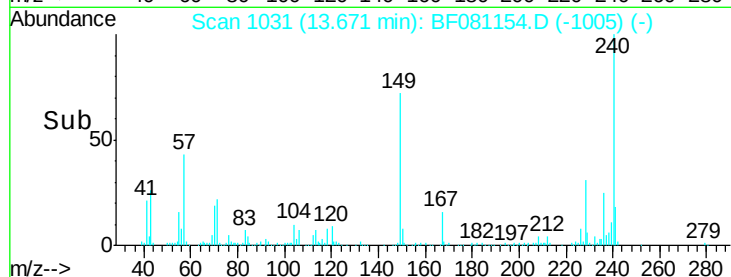
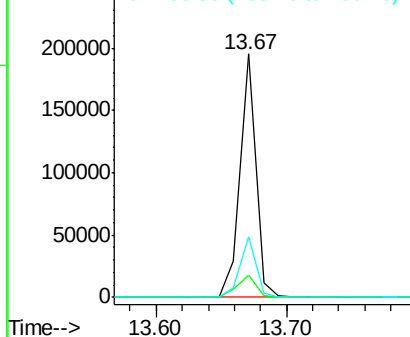
236 25.0 20.6 30.8

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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: 14.80 ng

RT: 12.38 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF081154.D

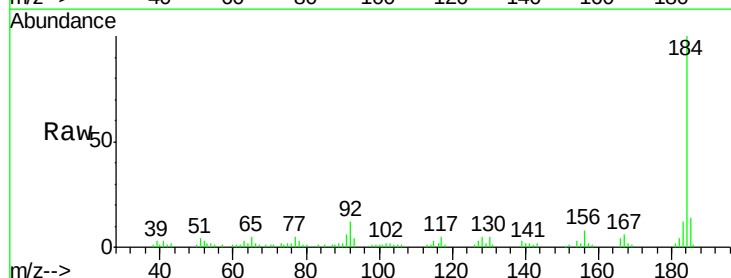
Acq: 21 Aug 2015 19:45

Tgt Ion:184 Resp: 91011
Ion Ratio Lower Upper

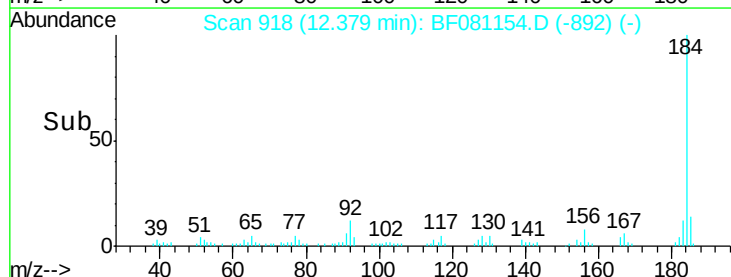
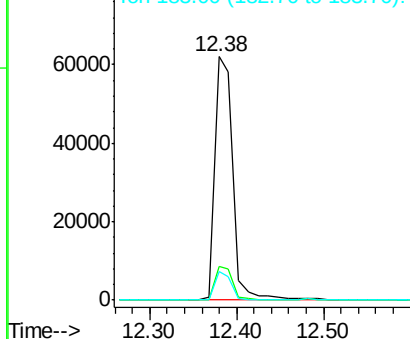
184 100

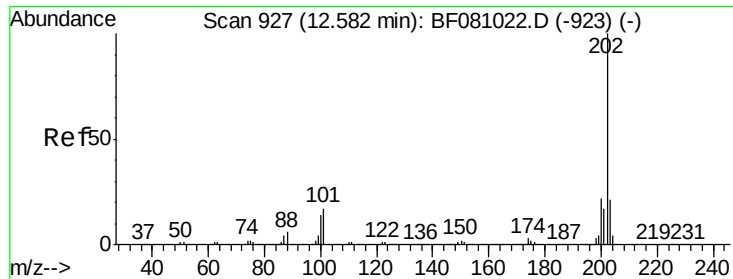
185 13.9 12.0 18.0

183 11.6 8.9 13.3



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

Pyrene

Concen: 46.55 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

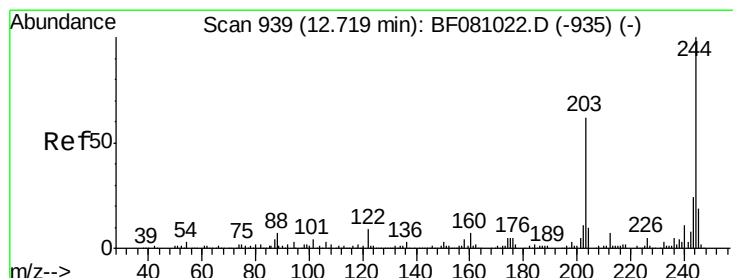
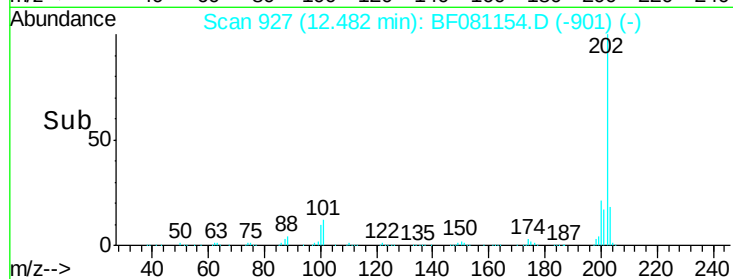
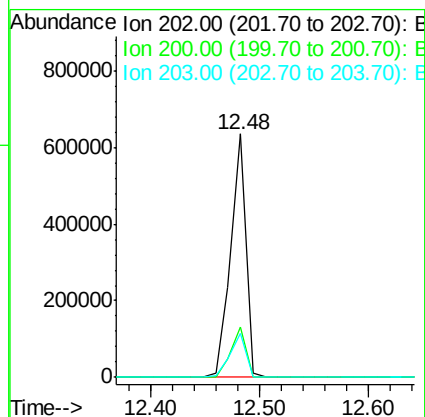
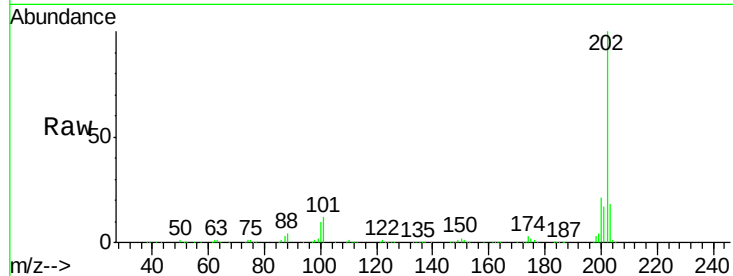
ClientSampleId :

TEC-C1MS

Tgt Ion:	202	Resp:	615888
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.6	24.8
203	17.8	14.1	21.1

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#78

Terphenyl-d14

Concen: 96.77 ng

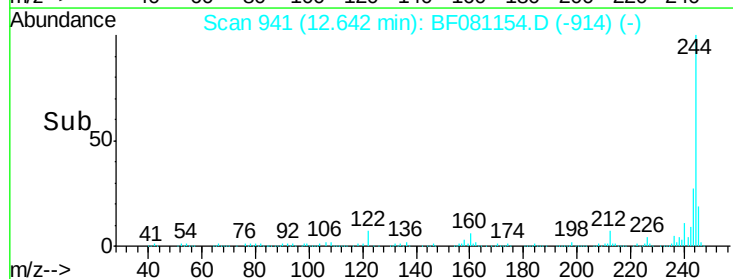
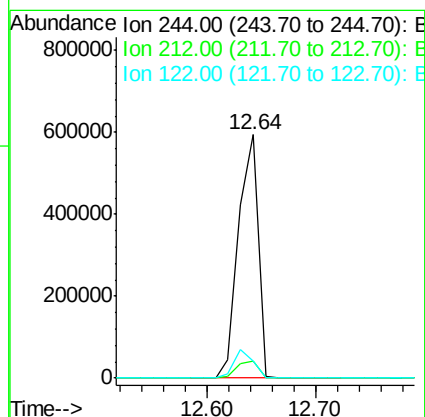
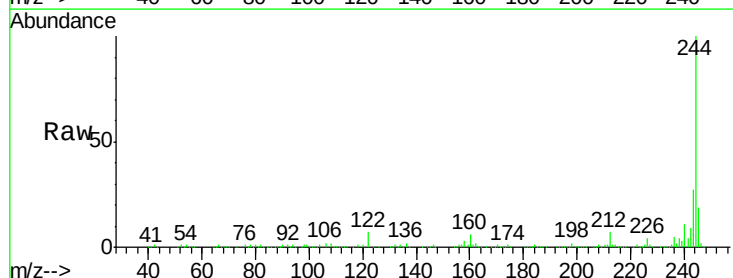
RT: 12.64 min Scan# 941

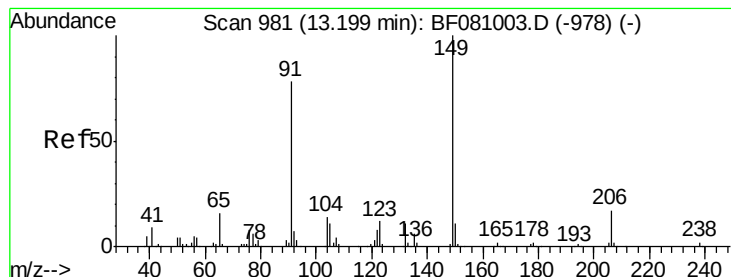
Delta R.T. 0.01 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion:	244	Resp:	734737
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	7.2	8.2	12.4#





#79

Butylbenzylphthalate

Concen: 48.34 ng

RT: 13.11 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

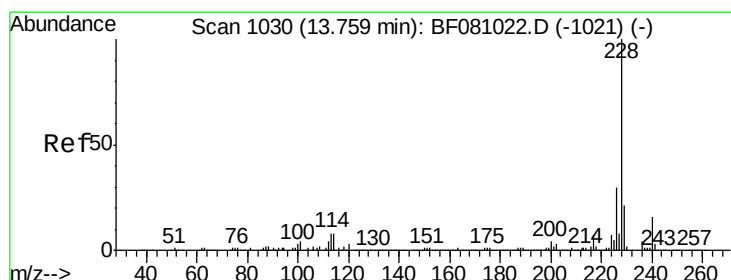
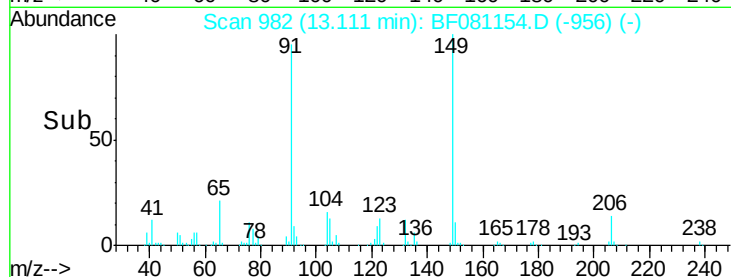
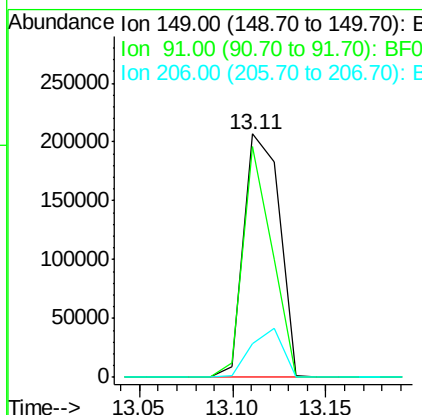
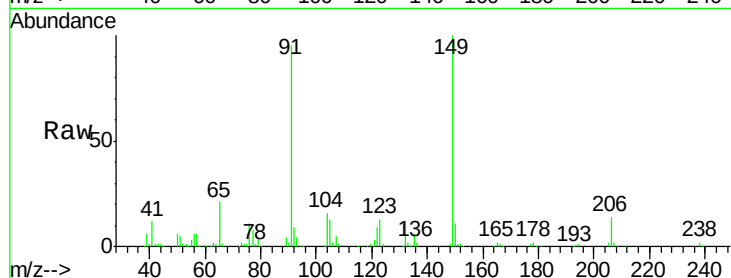
ClientSampleId :

TEC-C1MS

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Tgt Ion:	149	Resp:	274932
Ion Ratio	Lower	Upper	
149	100		
91	94.8	46.9	70.3#
206	14.0	17.0	25.4#



#80

Benzo(a)anthracene

Concen: 42.34 ng

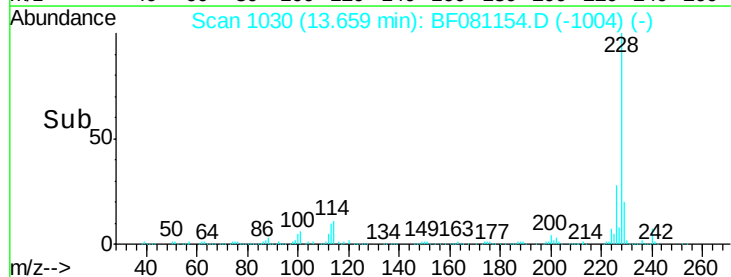
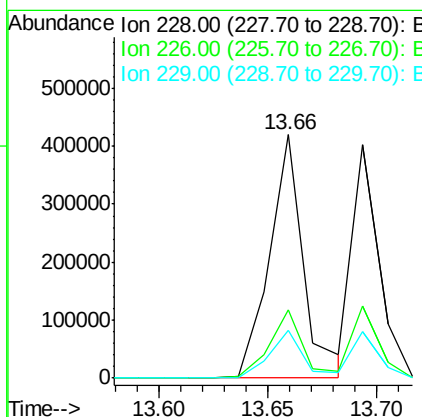
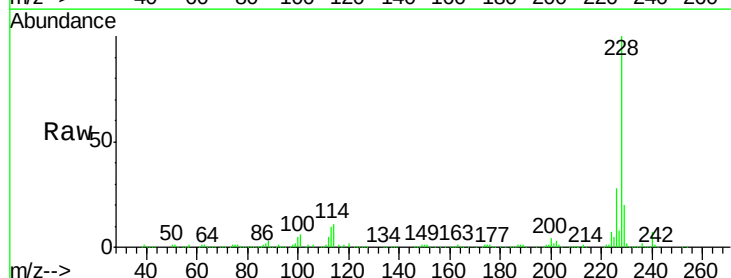
RT: 13.66 min Scan# 1030

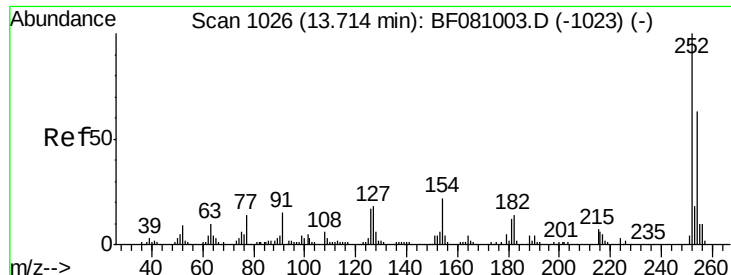
Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion:	228	Resp:	462162
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.3	33.5
229	19.8	15.9	23.9





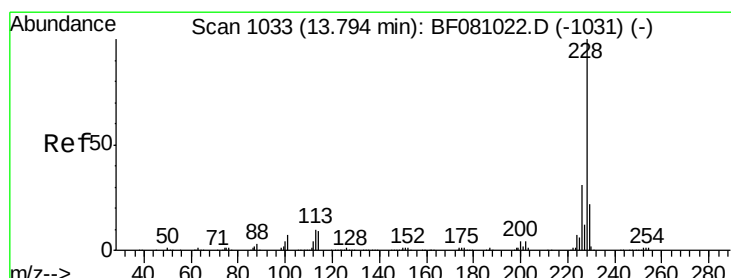
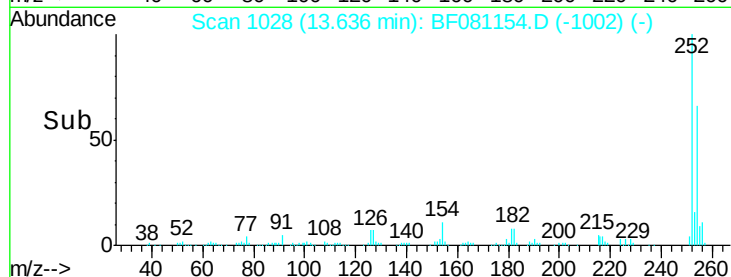
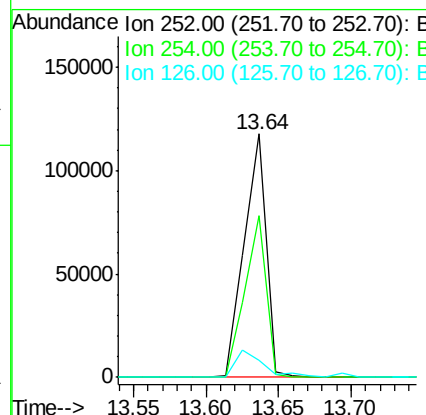
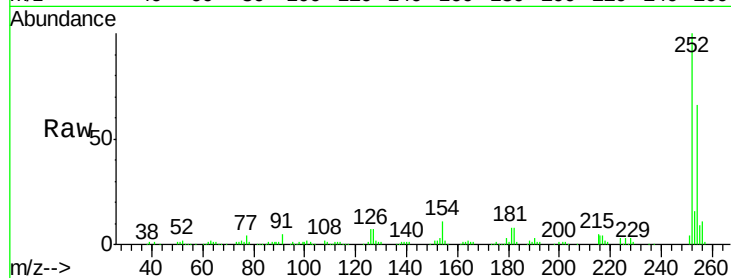
#81
 3,3'-Dichlorobenzidine
 Concen: 35.07 ng
 RT: 13.64 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	66.4	51.5	77.3
126	6.9	12.5	18.7

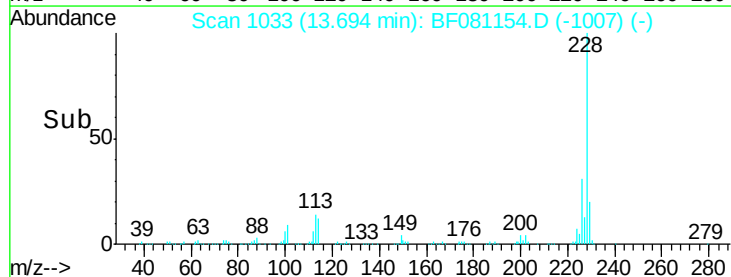
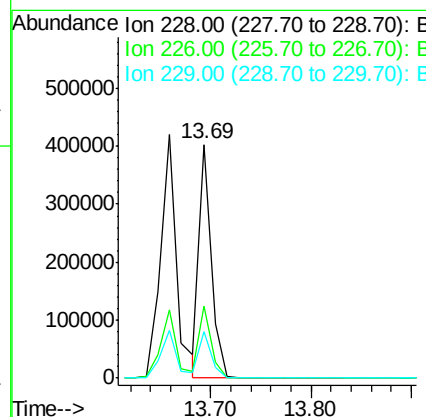
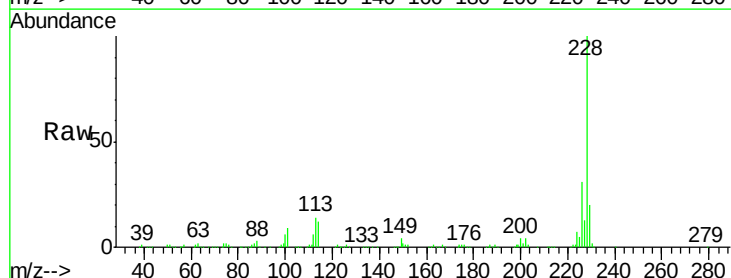
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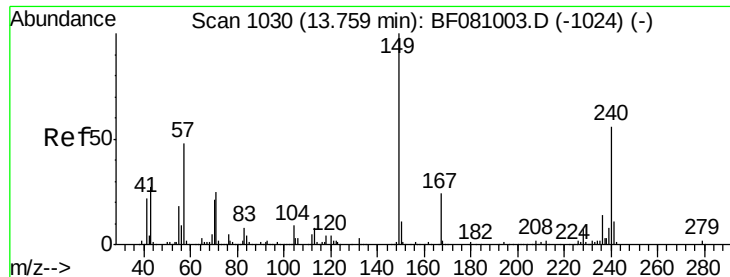
MMDadoda
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#82
 Chrysene
 Concen: 35.34 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.4	36.6
229	20.1	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.74 ng

RT: 13.68 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF081154.D

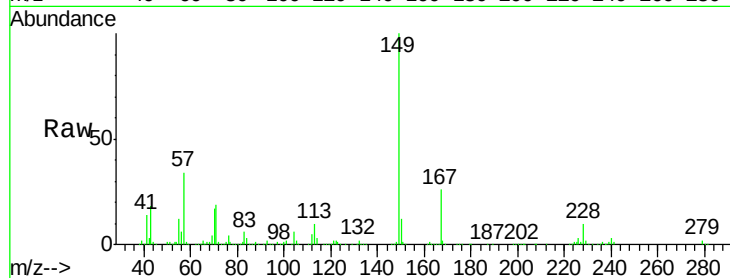
Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

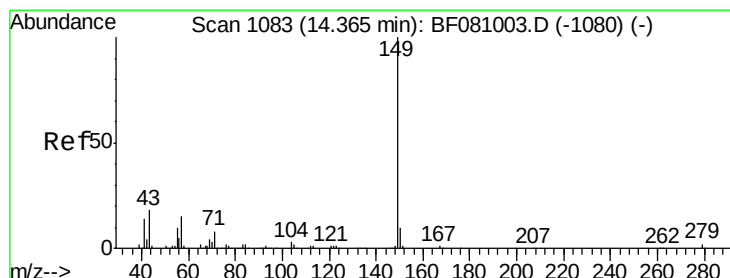
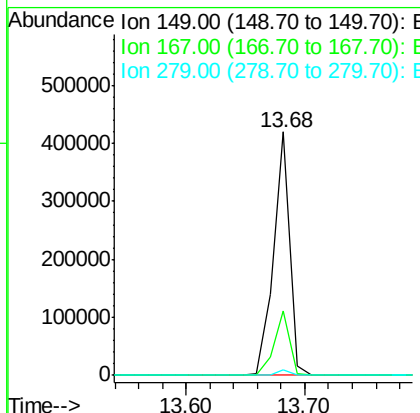
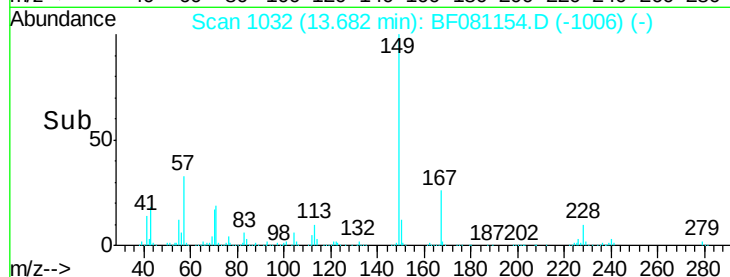
TEC-C1MS



Tgt Ion:	149	Resp:	398829
Ion Ratio	Lower	Upper	
149	100		
167	26.4	20.7	31.1
279	2.5	2.2	3.4

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#84

Di-n-octyl phthalate

Concen: 58.70 ng

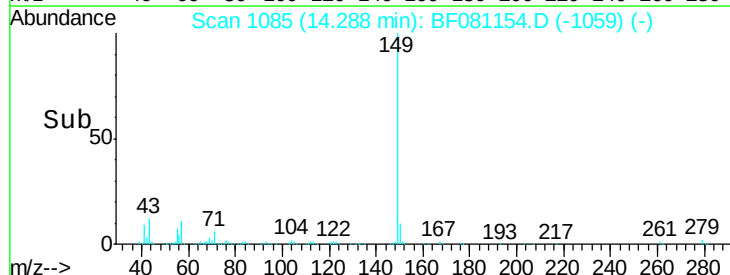
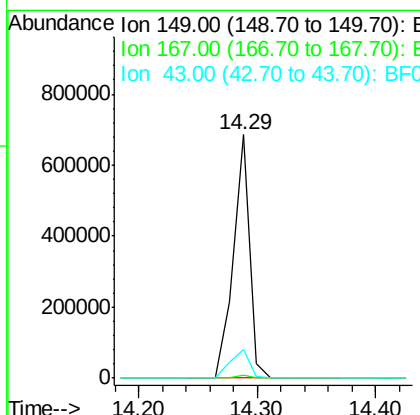
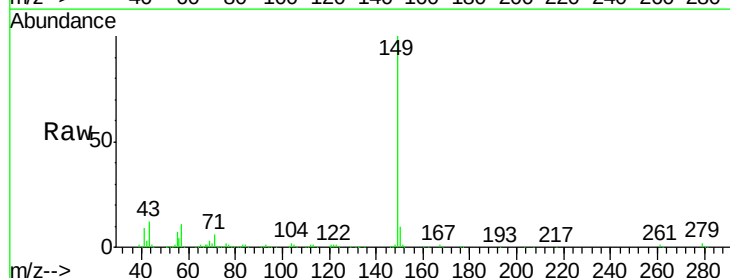
RT: 14.29 min Scan# 1085

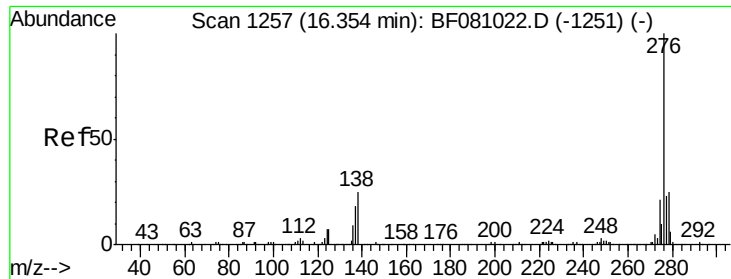
Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion:	149	Resp:	650015
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	13.8	11.6	17.4





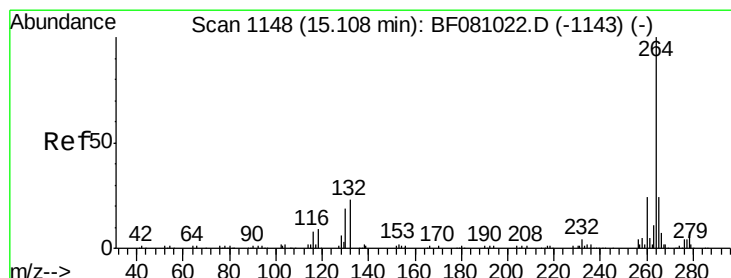
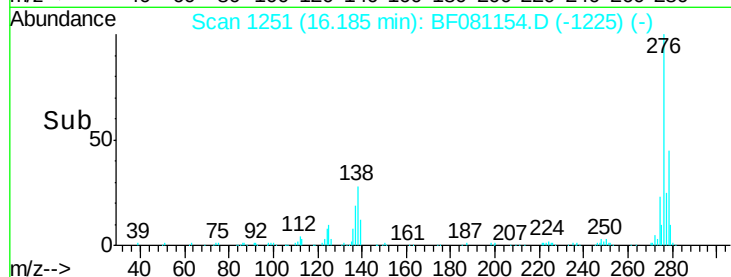
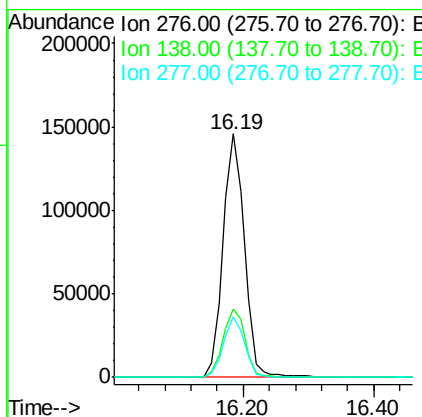
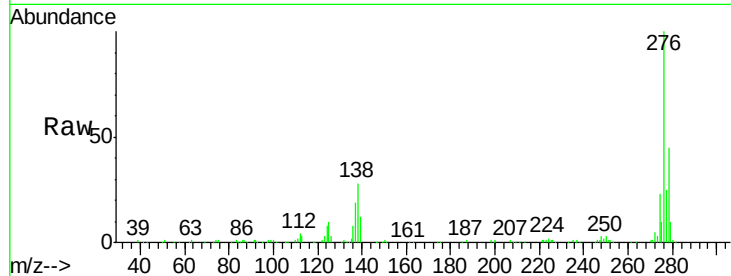
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.18 ng
 RT: 16.19 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	332771		
138	29.0	18.6	28.0#	
277	24.6	19.8	29.8	

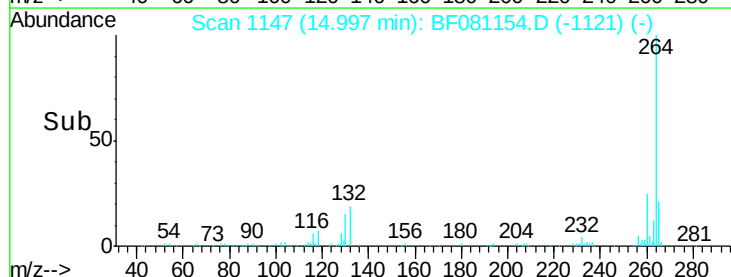
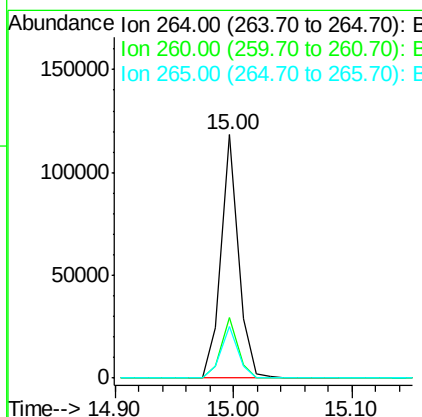
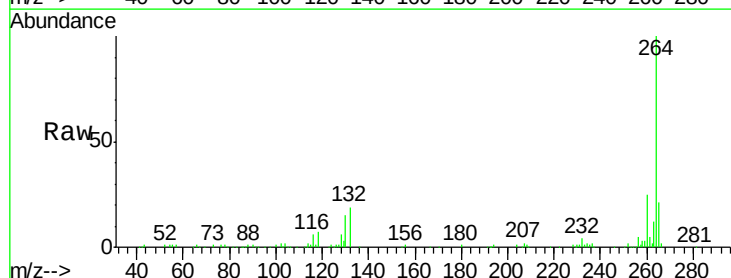
Manual Integrations
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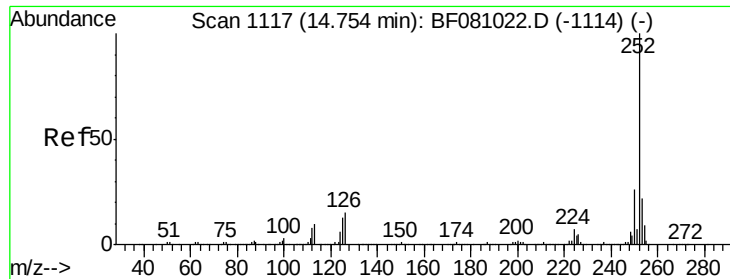
MMDadoda
 8/24/2015 11:23:53 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.00 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	120496		
260	24.7	19.6	29.4	
265	20.9	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 49.36 ng m

RT: 14.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Instrument :

BNA_F

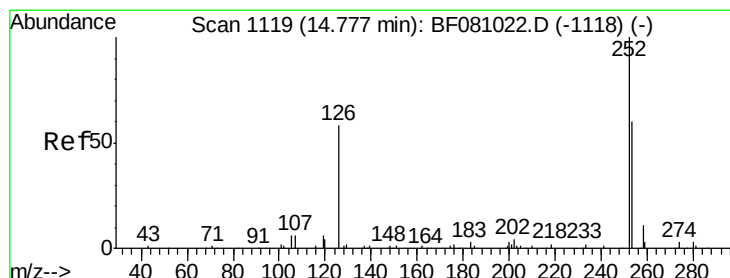
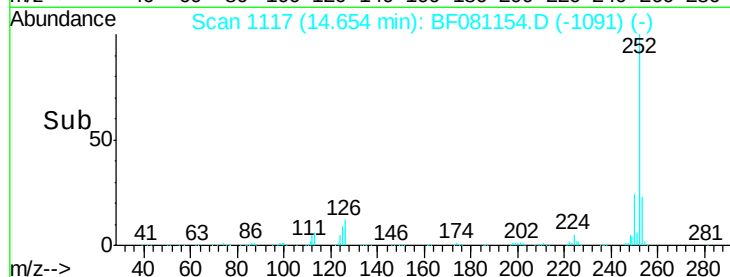
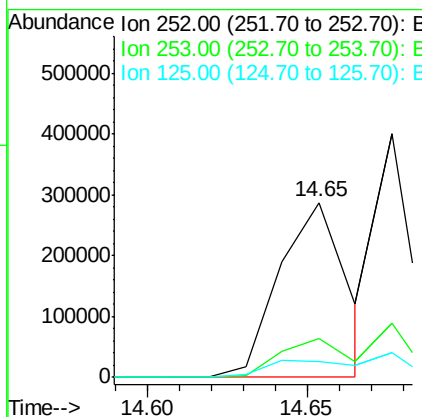
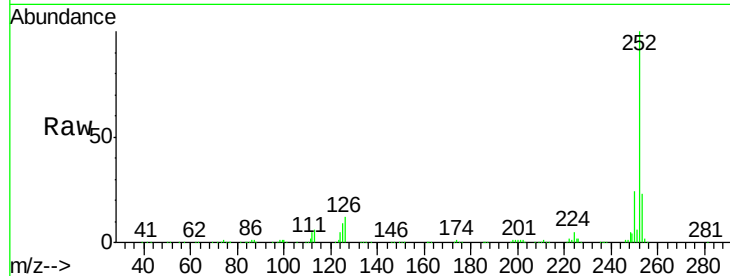
ClientSampleId :

TEC-C1MS

Tgt Ion:	252	Resp:	420670
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.1	25.7
125	8.8	8.0	12.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 37.47 ng m

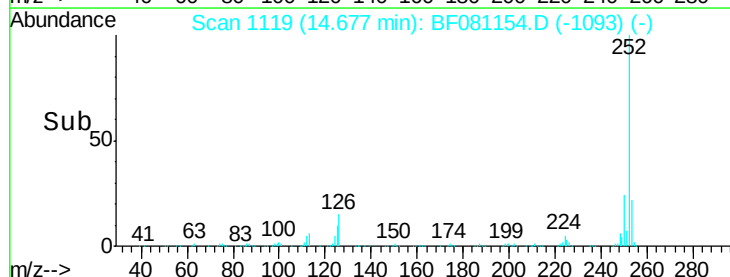
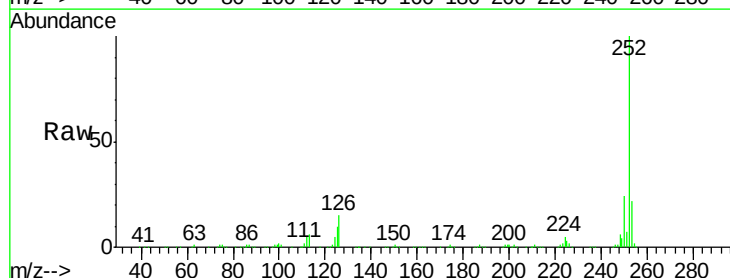
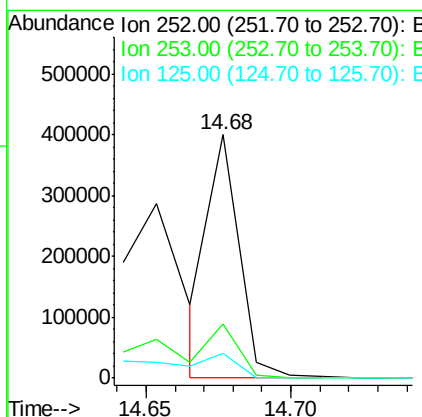
RT: 14.68 min Scan# 1119

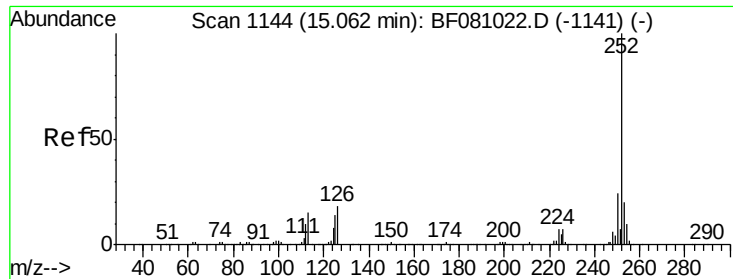
Delta R.T. -0.00 min

Lab File: BF081154.D

Acq: 21 Aug 2015 19:45

Tgt Ion:	252	Resp:	297597
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.0	10.3	15.5#





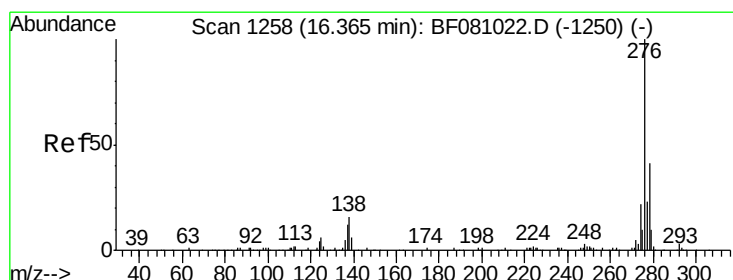
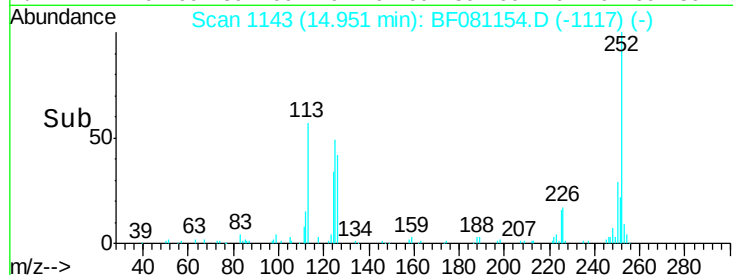
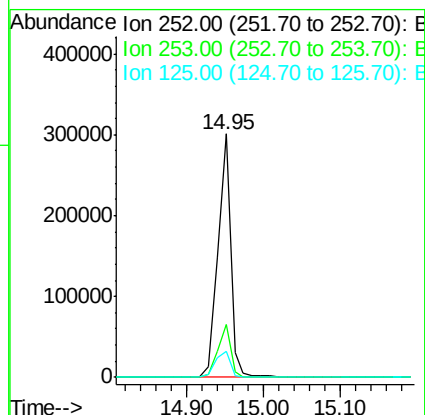
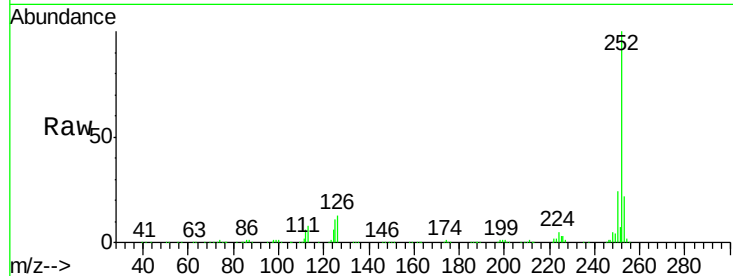
#89
Benzo(a)pyrene
Concen: 46.92 ng
RT: 14.95 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Instrument :
BNA_F
ClientSampleId :
TEC-C1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.6	25.0
125	10.7	7.8	11.8

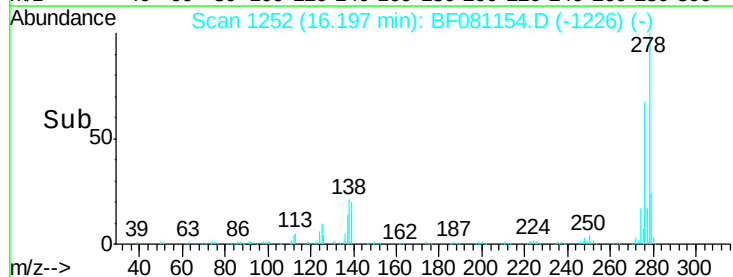
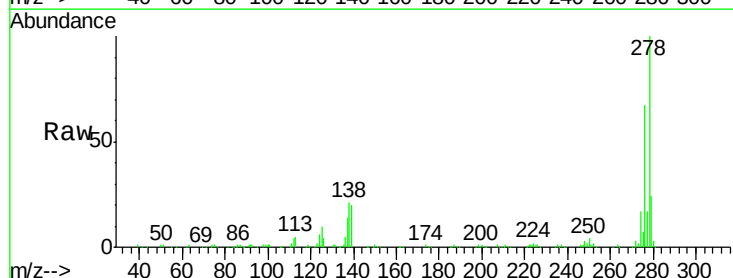
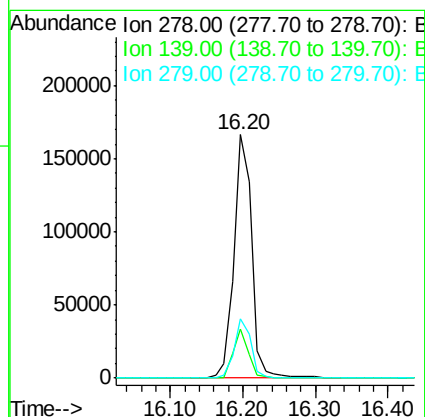
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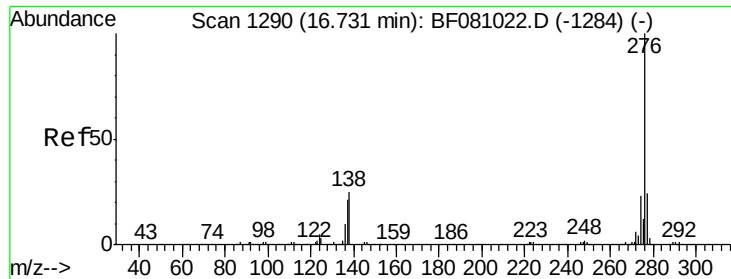
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#90
Dibenzo(a,h)anthracene
Concen: 48.87 ng
RT: 16.20 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF081154.D
Acq: 21 Aug 2015 19:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	10.8	16.2#
279	24.5	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 44.94 ng
 RT: 16.54 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF081154.D
 Acq: 21 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	18.2	27.2
138	24.4	13.7	20.5

Manual Integrations
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