

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083764.D
 Acq On : 14 Dec 2015 7:53
 Operator : UM/IZ
 Sample : G4648-11MS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MS

Manual Integrations
 APPROVED

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 12/14/2015 6:23:51 PM

Quant Time: Dec 14 10:07:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	106924	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	363913	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	150483	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	249588	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	221230	20.00	ng	-0.01
86) Perylene-d12	15.51	264	210385	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	916523	138.28	ng	0.01
7) Phenol-d6	6.56	99	1054682	125.66	ng	0.01
23) Nitrobenzene-d5	7.48	82	615064	94.56	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	195017	127.18	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1067756	118.53	ng	-0.01
78) Terphenyl-d14	13.01	244	870915	84.68	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	136665	42.64	ng	# 83
3) Pyridine	3.36	79	357538	44.34	ng	# 86
4) n-Nitrosodimethylamine	3.31	42	152823	50.09	ng	# 61
6) Aniline	6.58	93	316539	27.76	ng	# 84
8) 2-Chlorophenol	6.70	128	341615	43.86	ng	# 91
9) Benzaldehyde	6.46	77	105648	23.44	ng	# 84
10) Phenol	6.57	94	478241	49.50	ng	# 77
11) bis(2-Chloroethyl)ether	6.66	93	369765	52.85	ng	# 87
12) 1,3-Dichlorobenzene	6.86	146	392722	47.51	ng	# 98
13) 1,4-Dichlorobenzene	6.94	146	390992	46.81	ng	# 93
14) 1,2-Dichlorobenzene	7.09	146	349918	46.62	ng	# 99
15) Benzyl Alcohol	7.06	79	286259	46.42	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	417949	46.01	ng	# 72
17) 2-Methylphenol	7.17	107	271962	43.43	ng	# 86
18) Hexachloroethane	7.44	117	121135	40.84	ng	# 82
19) n-Nitroso-di-n-propylamine	7.33	70	212707	41.39	ng	# 93
20) 3+4-Methylphenols	7.32	107	328791	44.48	ng	# 72
22) Acetophenone	7.33	105	449357	50.33	ng	# 95
24) Nitrobenzene	7.50	77	369911	54.64	ng	# 78
25) Isophorone	7.74	82	623744	48.88	ng	# 92
26) 2-Nitrophenol	7.81	139	162015	49.82	ng	# 92
27) 2,4-Dimethylphenol	7.86	122	317526	49.69	ng	# 98
28) bis(2-Chloroethoxy)methane	7.95	93	364518	50.06	ng	# 98
29) 2,4-Dichlorophenol	8.06	162	269098	51.29	ng	# 94
30) 1,2,4-Trichlorobenzene	8.14	180	267996	49.26	ng	# 97
31) Naphthalene	8.22	128	906510	47.79	ng	# 99
33) 4-Chloroaniline	8.27	127	175951	22.71	ng	# 87
34) Hexachlorobutadiene	8.35	225	156024	52.26	ng	# 99
35) Caprolactam	8.62	113	80471	47.77	ng	# 67
36) 4-Chloro-3-methylphenol	8.75	107	268036	43.68	ng	# 95
37) 2-Methylnaphthalene	8.92	142	624636	52.45	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	221766	49.96	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	73594	32.71	ng	# 95
42) 2,4,6-Trichlorophenol	9.20	196	184076	56.65	ng	# 98

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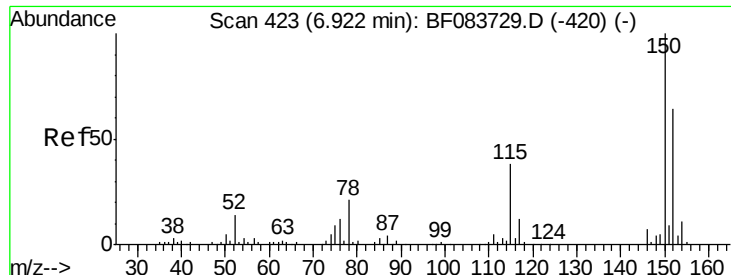
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	138074	44.80	nq	# 90
45) 1,1'-Biphenyl	9.38	154	630121	47.25	nq	98
46) 2-Chloronaphthalene	9.40	162	484300	49.20	nq	# 91
47) 2-Nitroaniline	9.49	65	150351	53.85	nq	# 78
48) Acenaphthylene	9.82	152	811474	48.99	nq	99
49) Dimethylphthalate	9.68	163	737220	62.84	nq	100
50) 2,6-Dinitrotoluene	9.73	165	115525	46.40	nq	94
51) Acenaphthene	10.00	154	485874	48.52	nq	99
52) 3-Nitroaniline	9.90	138	102165	35.59	nq	# 61
53) 2,4-Dinitrophenol	10.01	184	22851	26.69	nq	# 69
54) Dibenzofuran	10.17	168	695466	52.42	nq	99
55) 4-Nitrophenol	10.06	139	206382	97.09	nq	# 62
56) 2,4-Dinitrotoluene	10.13	165	146785	45.13	nq	# 89
57) Fluorene	10.50	166	477879	45.74	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	121122	52.39	nq	# 100
59) Diethylphthalate	10.37	149	587312	49.45	nq	97
60) 4-Chlorophenyl-phenylether	10.50	204	234833	49.29	nq	99
61) 4-Nitroaniline	10.51	138	111073	43.90	nq	95
62) Azobenzene	10.66	77	569447	52.59	nq	89
64) 4,6-Dinitro-2-methylphenol	10.54	198	35283	24.85	nq	# 62
65) n-Nitrosodiphenylamine	10.61	169	466757	54.68	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	141192	50.59	nq	# 86
67) Hexachlorobenzene	11.06	284	151399	50.14	nq	# 79
68) Atrazine	11.14	200	141379	58.21	nq	99
69) Pentachlorophenol	11.24	266	143403	84.20	nq	99
70) Phenanthrene	11.46	178	655978	49.47	nq	99
71) Anthracene	11.52	178	742043	53.89	nq	100
72) Carbazole	11.66	167	697513	54.36	nq	97
73) Di-n-butylphthalate	12.00	149	794138	50.97	nq	99
74) Fluoranthene	12.65	202	767016	55.99	nq	99
76) Benzidine	12.76	184	383922	56.95	nq	97
77) Pyrene	12.88	202	818897	46.83	nq	99
79) Butylbenzylphthalate	13.49	149	379015	50.50	nq	95
80) Benzo(a)anthracene	14.05	228	676897	53.81	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	259704	57.23	nq	98
82) Chrysene	14.10	228	685187	55.84	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	469393	54.96	nq	# 97
84) Di-n-octyl phthalate	14.66	149	921762	67.91	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.95	276	564682	46.86	nq	# 100
87) Benzo(b)fluoranthene	15.09	252	678843	50.58	nq	97
88) Benzo(k)fluoranthene	15.13	252	651655m	53.58	nq	
89) Benzo(a)pyrene	15.45	252	615375	51.38	nq	100
90) Dibenzo(a,h)anthracene	16.96	278	477674	40.11	nq	# 96
91) Benzo(g,h,i)perylene	17.37	276	447893	36.59	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

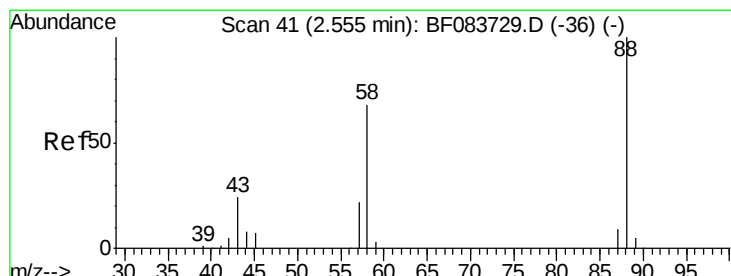
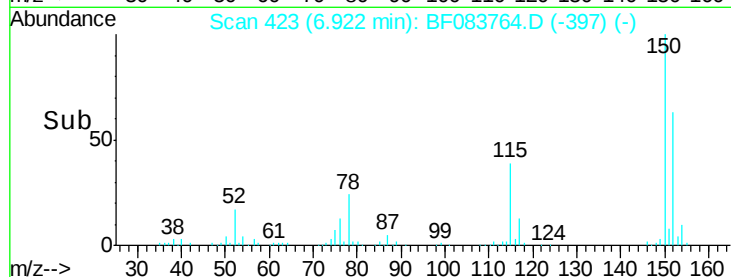
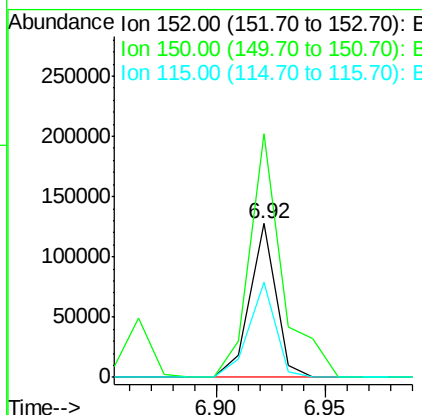
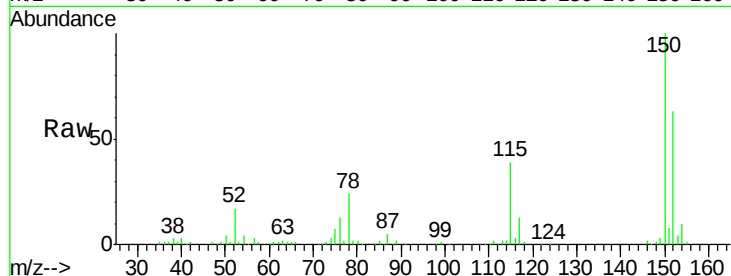
ClientSampleId :

SB-04(0-0.16)MS

Tot Ion:	152	Resp:	106924
Ion Ratio	Lower	Upper	
152	100		
150	158.5	126.5	189.7
115	62.3	52.3	78.5

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#2

1,4-Dioxane

Concen: 42.64 ng

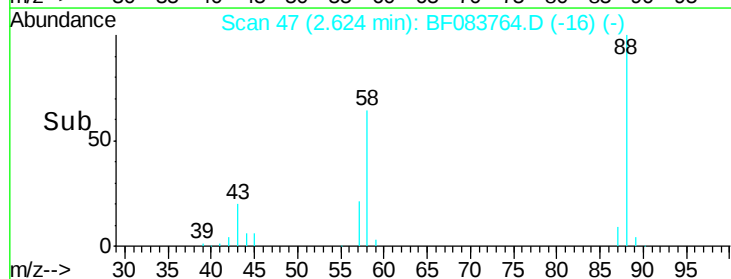
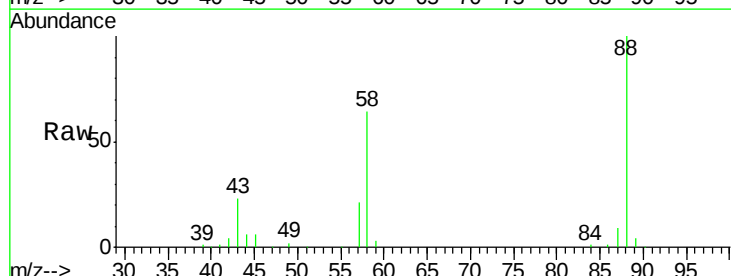
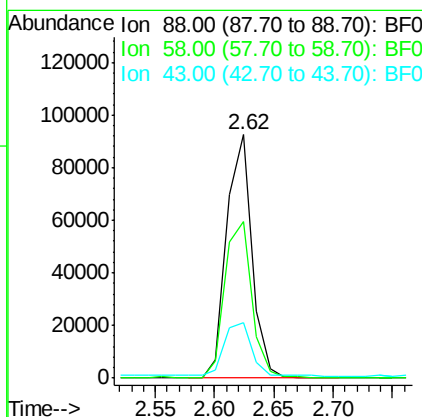
RT: 2.62 min Scan# 47

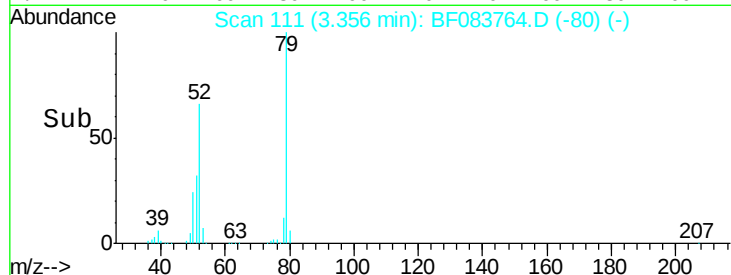
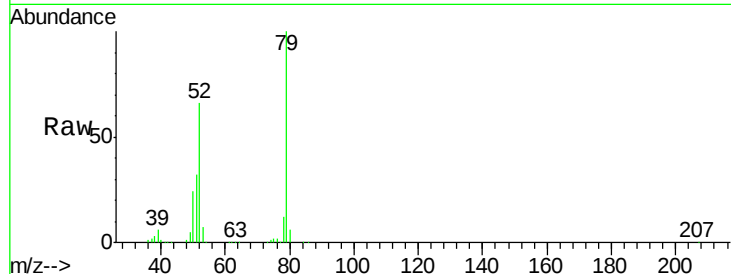
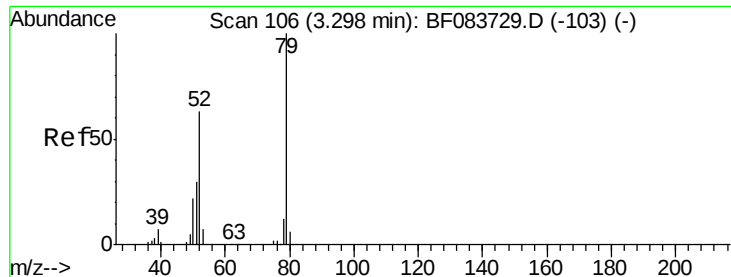
Delta R.T. 0.06 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion:	88	Resp:	136665
Ion Ratio	Lower	Upper	
88	100		
58	69.6	68.0	102.0
43	24.0	27.9	41.9#





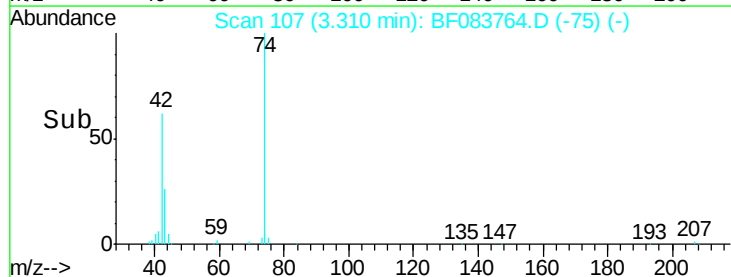
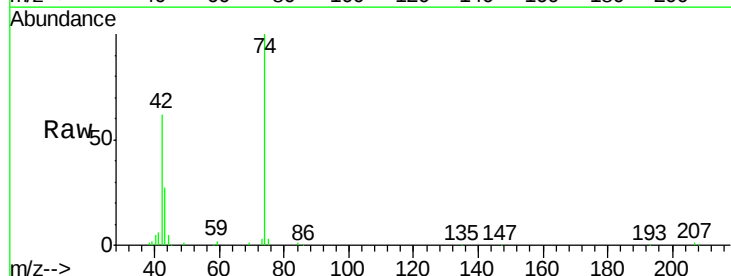
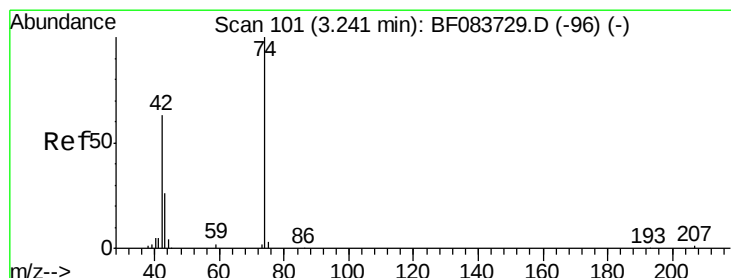
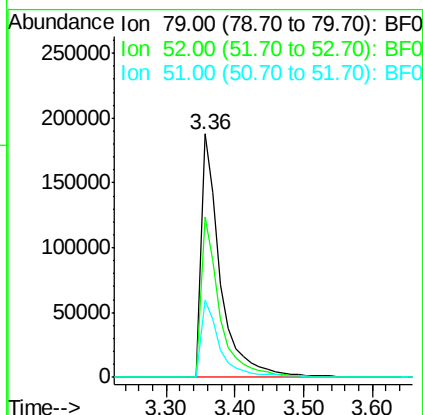
#3
Pvridine
Concen: 44.34 ng
RT: 3.36 min Scan# 111
Delta R.T. 0.06 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.7	63.7	95.5
51	31.6	30.6	45.8

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ClientSampleId :
SB-04(0-0.16)MS

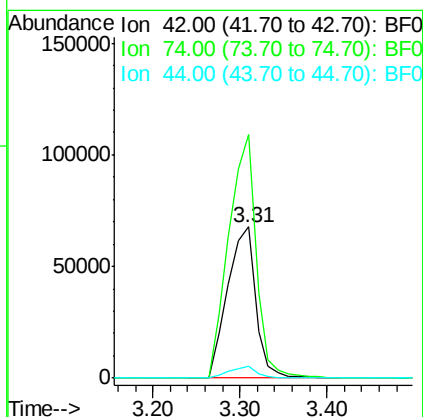
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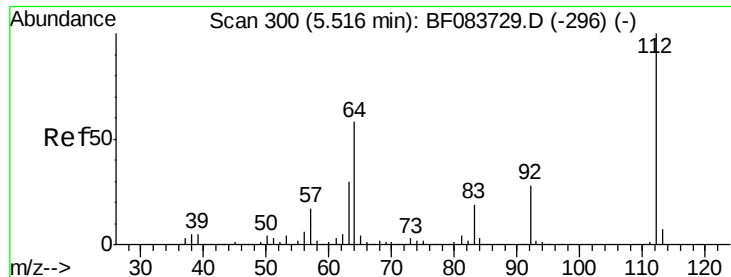
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#4
n-Nitrosodimethylamine
Concen: 50.09 ng
RT: 3.31 min Scan# 107
Delta R.T. 0.07 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.1	92.9	139.3#
44	8.0	5.7	8.5





#5

2-Fluorophenol

Concen: 138.28 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

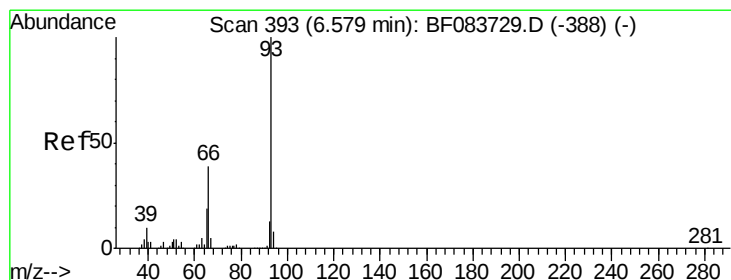
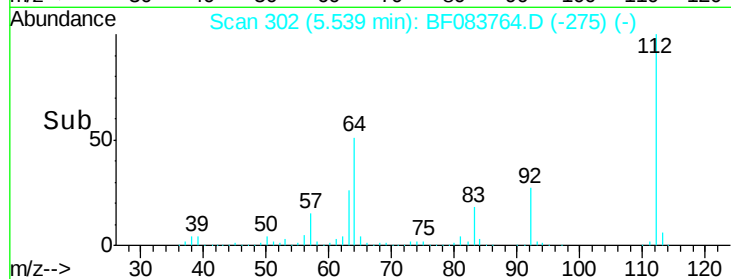
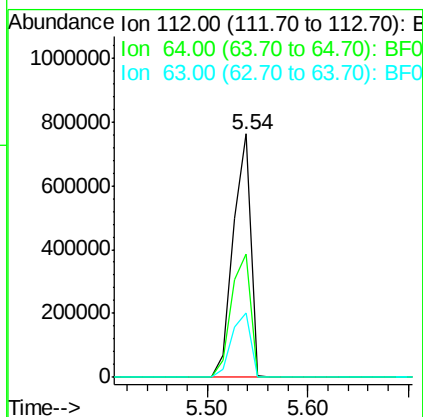
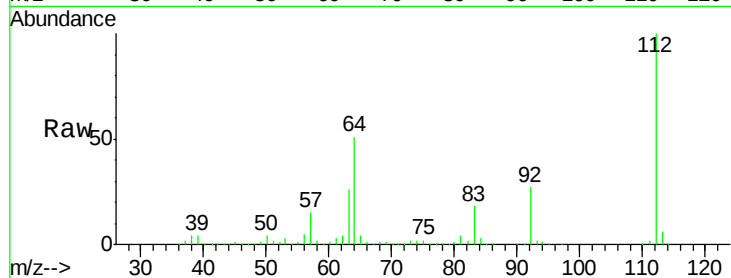
ClientSampleId :

SB-04(0-0.16)MS

Tot Ion:	112	Resp:	916523
Ion Ratio	Lower	Upper	
112	100		
64	50.8	50.5	75.7
63	26.3	25.8	38.6

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#6

Aniline

Concen: 27.76 ng

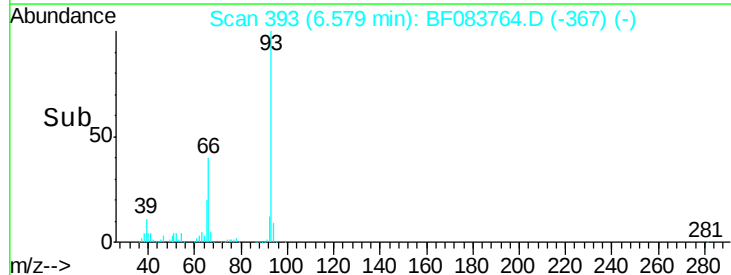
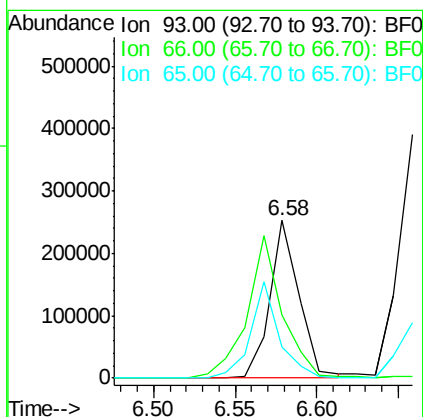
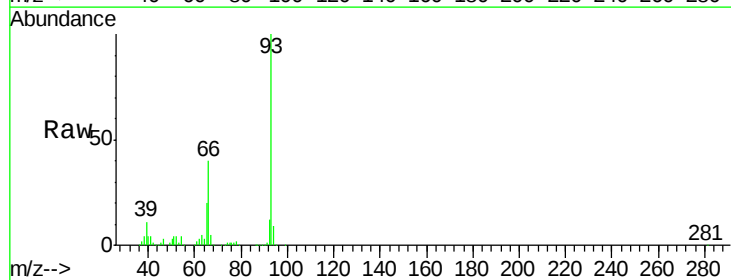
RT: 6.58 min Scan# 393

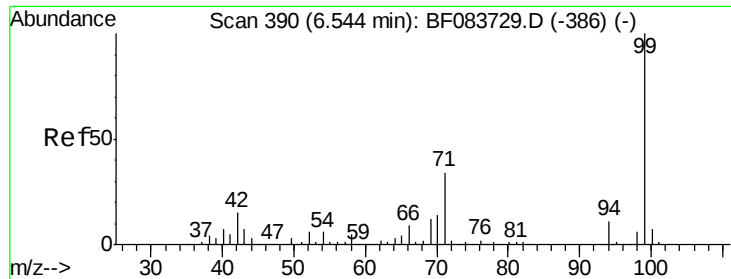
Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion:	93	Resp:	316539
Ion Ratio	Lower	Upper	
93	100		
66	39.7	41.3	61.9#
65	19.5	20.8	31.2#





#7

Phenol-d6

Concen: 125.66 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)MS

Tot Ion: 99 Resp: 1054682

Ion Ratio Lower Upper

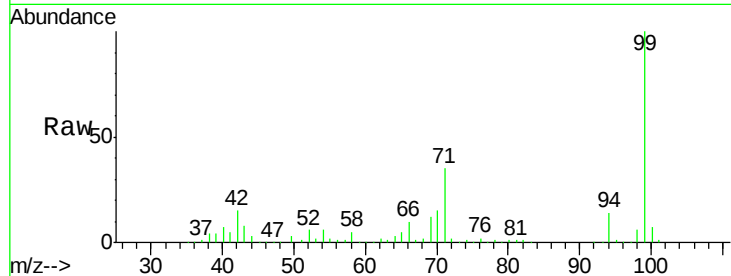
99 100

42 15.2 17.3 25.9#

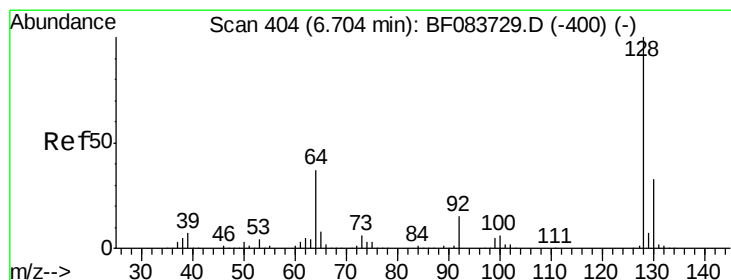
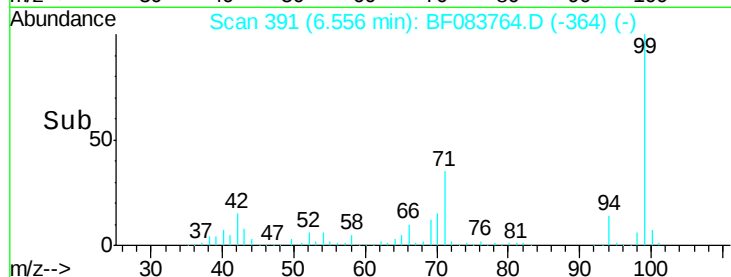
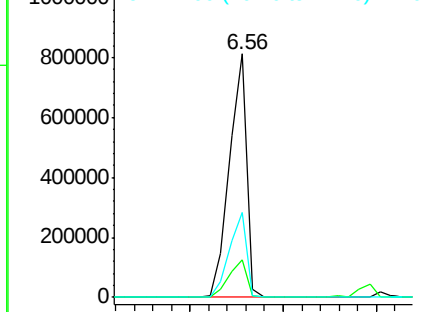
71 34.8 26.6 40.0

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



#8

2-Chlorophenol

Concen: 43.86 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

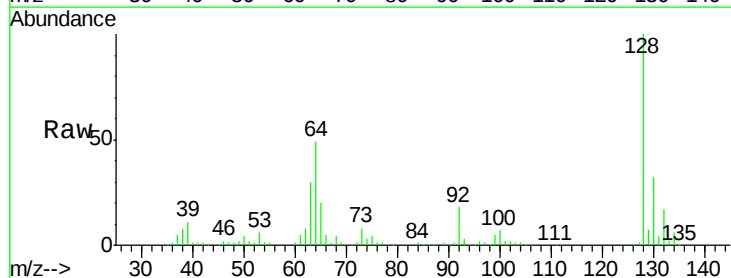
Tgt Ion:128 Resp: 341615

Ion Ratio Lower Upper

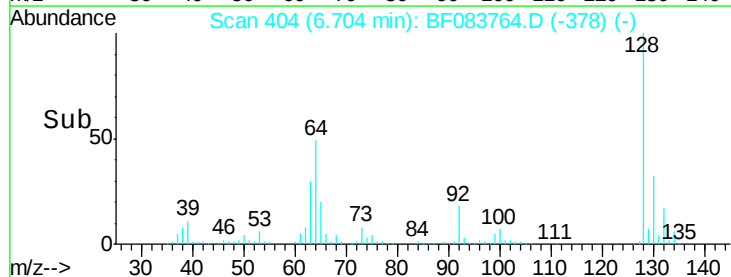
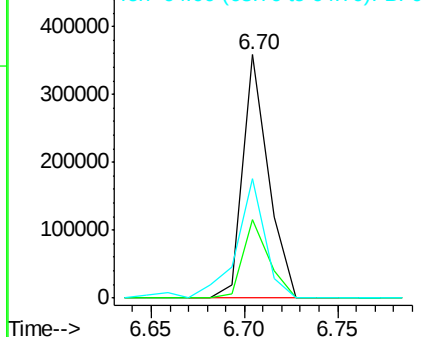
128 100

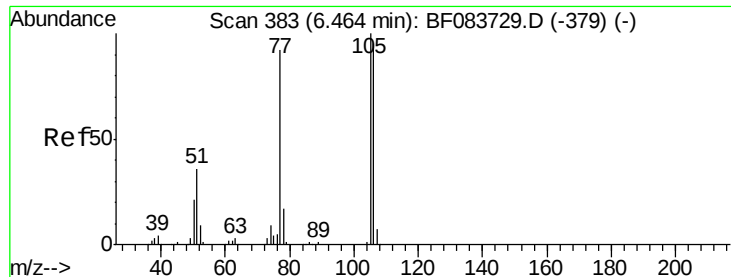
130 32.3 12.6 52.6

64 48.9 38.6 78.6



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





#9

Benzaldehyde

Concen: 23.44 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

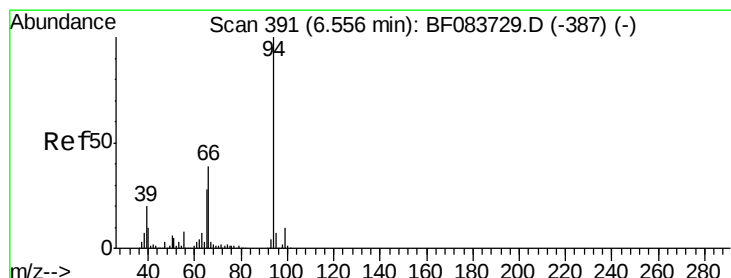
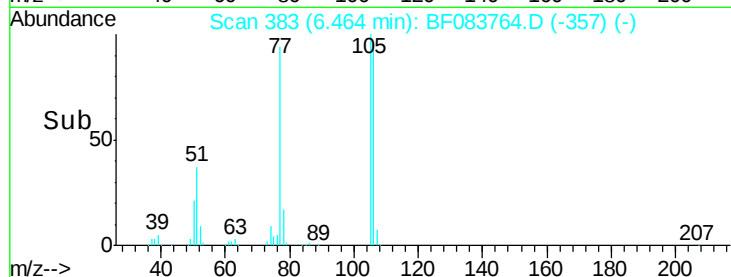
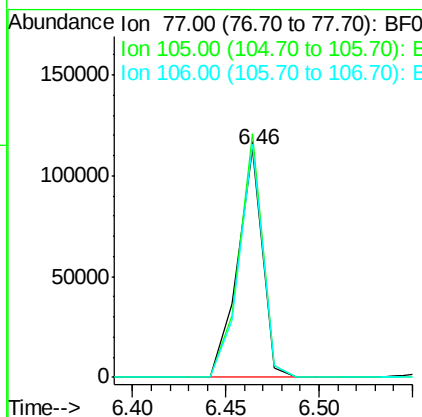
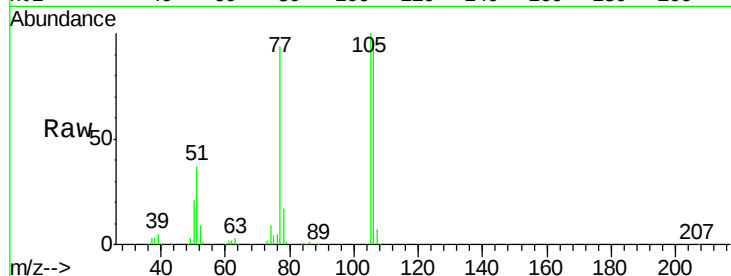
ClientSampleId :

SB-04(0-0.16)MS

Tot Ion:	77	Resp:	105648
Ion Ratio	Lower	Upper	
77	100		
105	106.9	71.8	111.8
106	102.3	66.8	106.8

Manual Integrations
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#10

Phenol

Concen: 49.50 ng

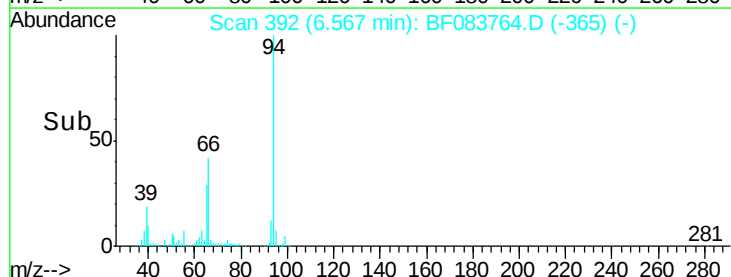
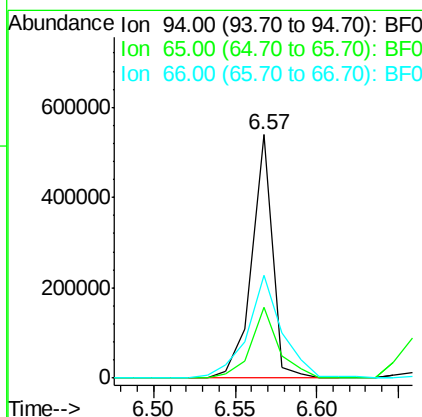
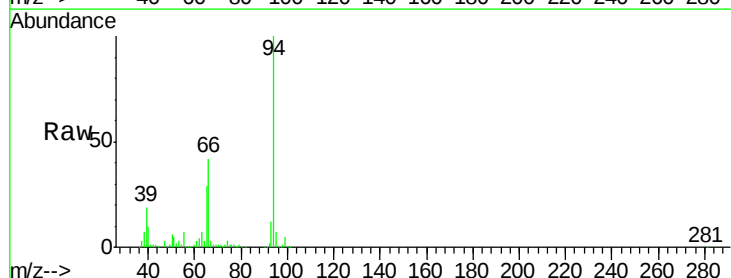
RT: 6.57 min Scan# 392

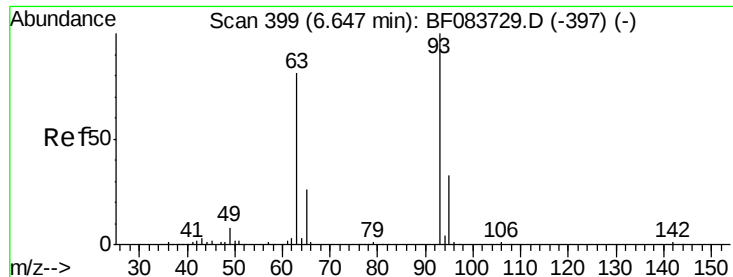
Delta R.T. 0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion:	94	Resp:	478241
Ion Ratio	Lower	Upper	
94	100		
65	28.8	20.9	60.9
66	42.3	41.6	81.6





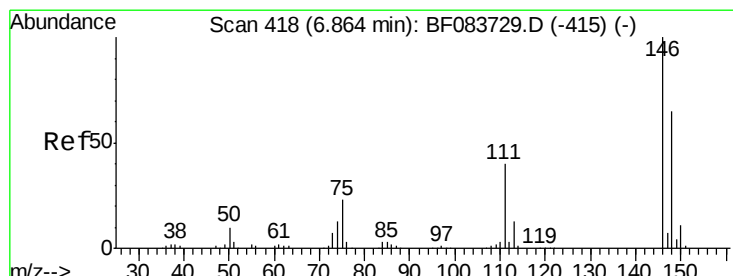
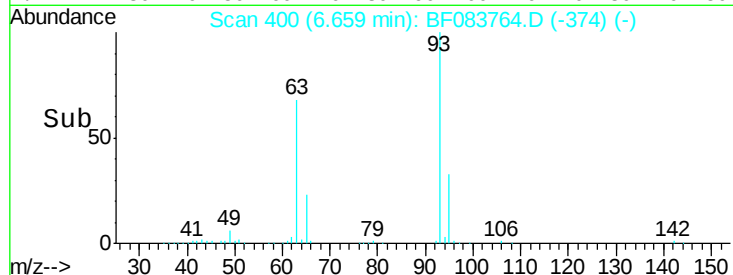
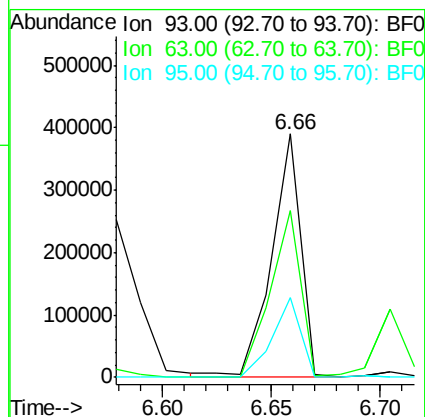
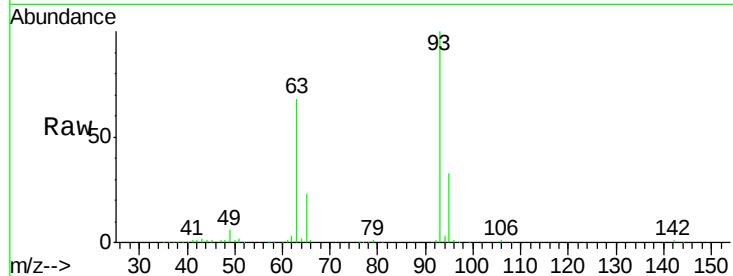
#11
bis(2-Chloroethyl)ether
Concen: 52.85 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion:	93	Resp:	369765
Ion Ratio	Lower	Upper	
93	100		
63	68.3	64.7	104.7
95	32.8	12.7	52.7

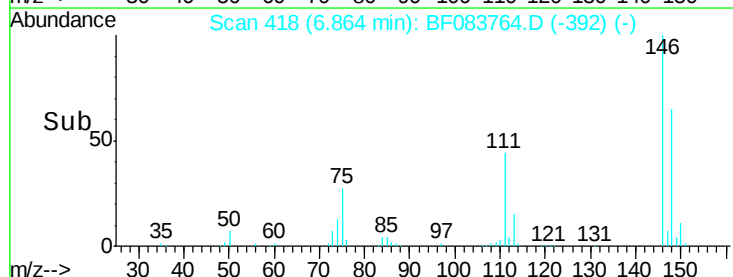
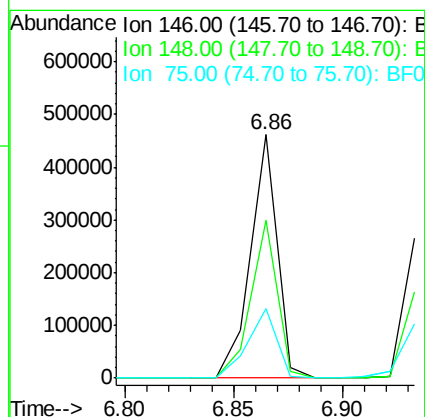
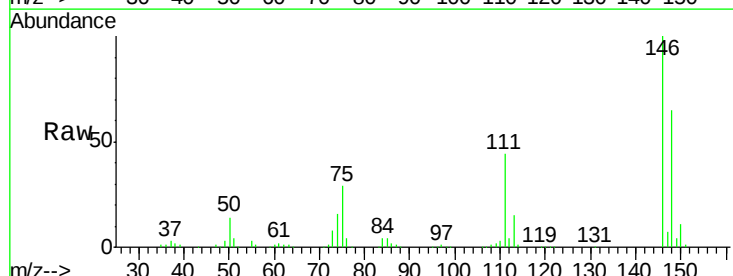
Manual Integrations
APPROVED

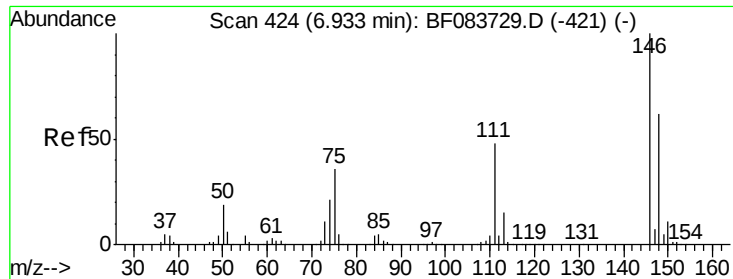
MMdadoda
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#12
1,3-Dichlorobenzene
Concen: 47.51 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion:	146	Resp:	392722
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.3	76.9
75	28.5	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 46.81 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

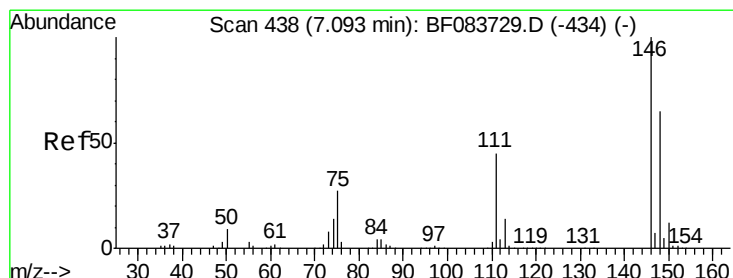
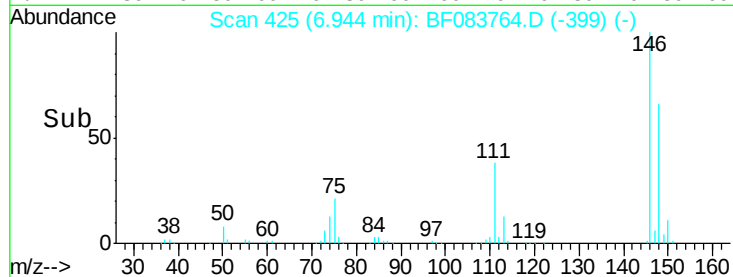
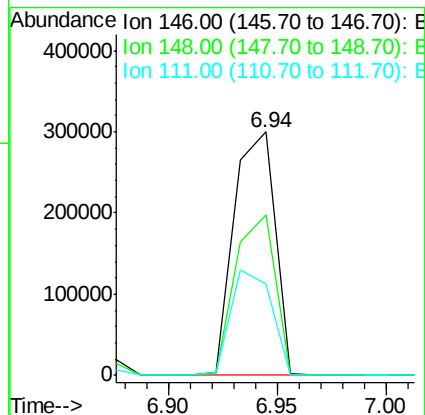
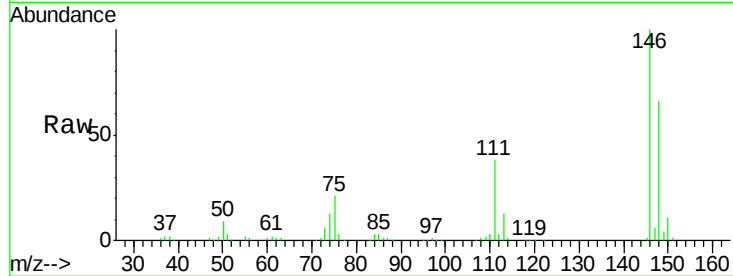
ClientSampleId :

SB-04(0-0.16)MS

Tot Ion:	146	Resp:	390992
Ion Ratio	Lower	Upper	
146	100		
148	66.0	50.6	76.0
111	37.7	36.1	54.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 46.62 ng

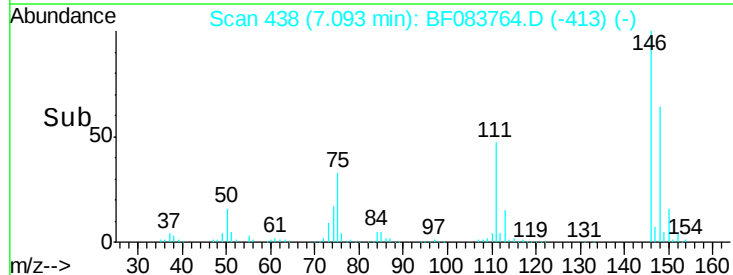
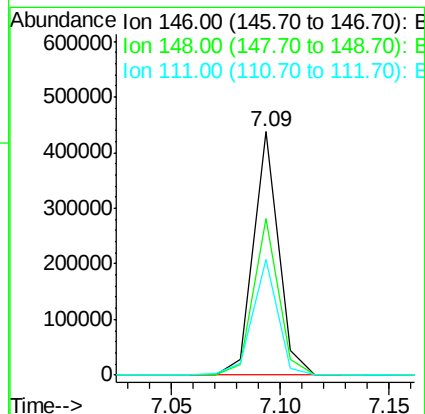
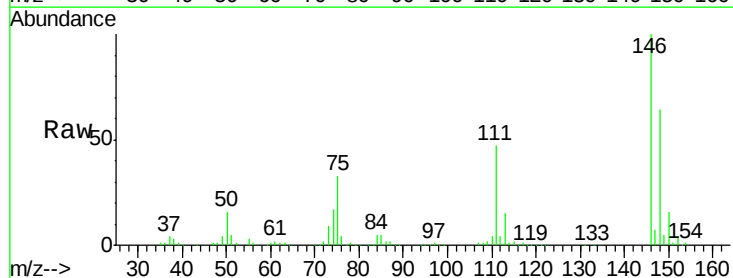
RT: 7.09 min Scan# 438

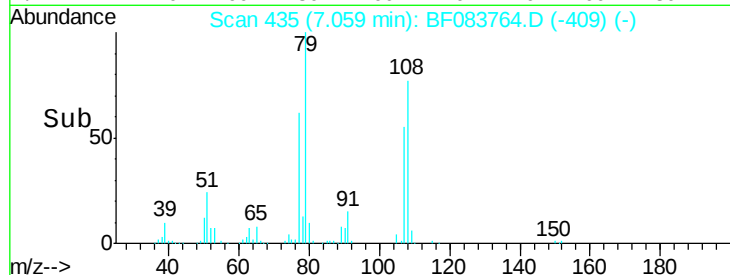
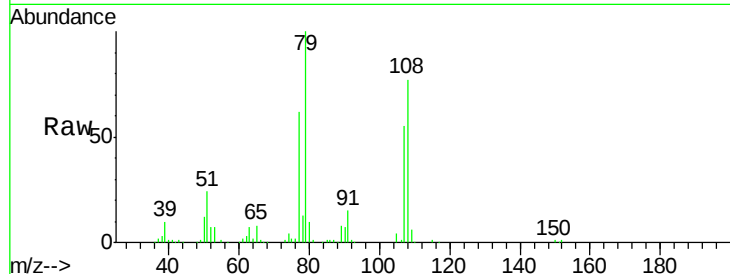
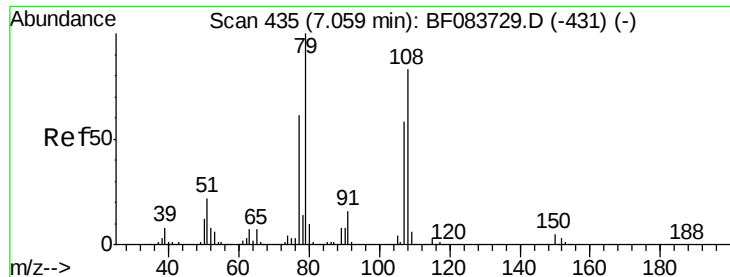
Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion:	146	Resp:	349918
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.0
111	47.4	36.7	55.1





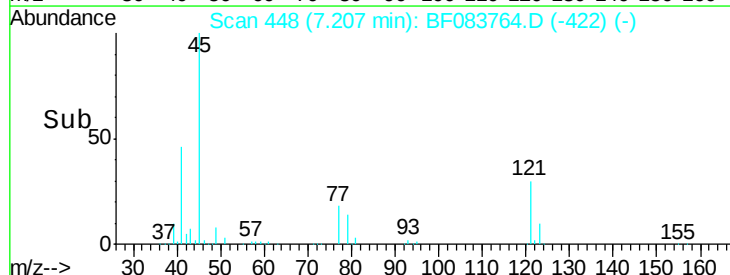
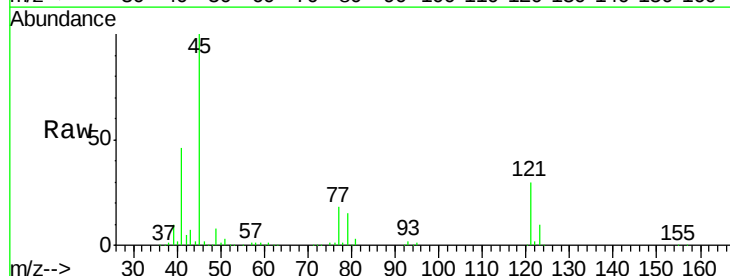
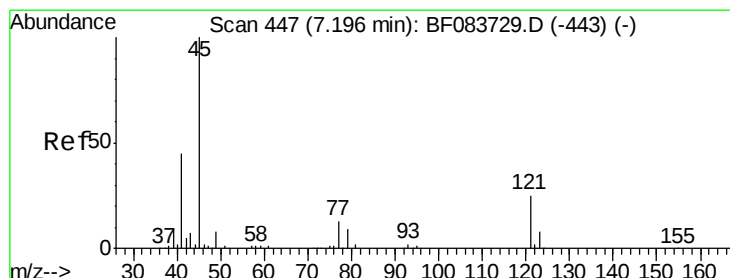
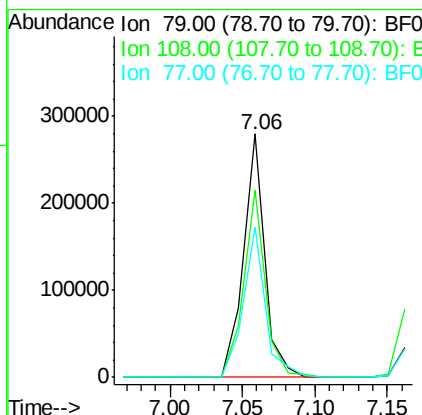
#15
Benzyl Alcohol
Concen: 46.42 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tot Ion	Ratio	Resp	Lower	Upper
79	100	286259		
108	77.1	59.6	89.4	
77	61.8	49.8	74.6	

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

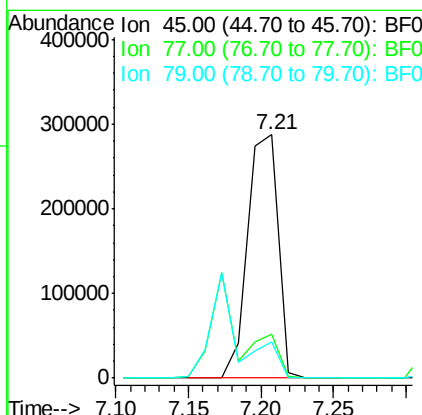
Manual Integrations
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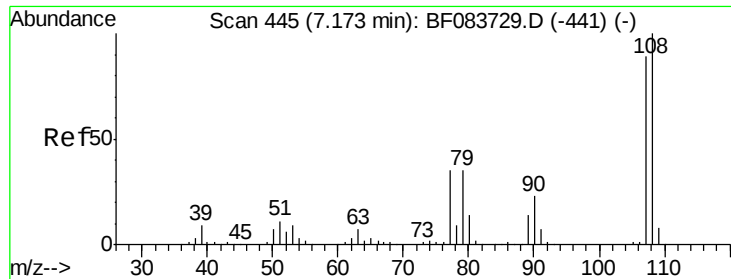
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.01 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	417949		
77	18.0	12.8	52.8	
79	14.6	10.7	50.7	





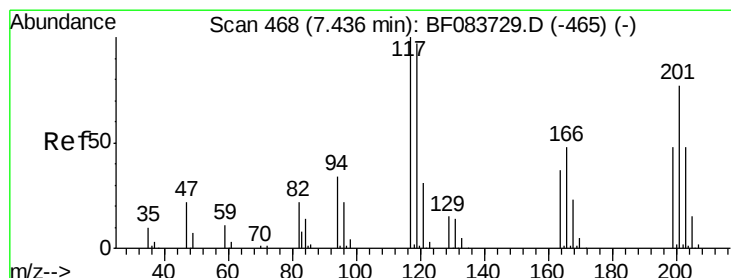
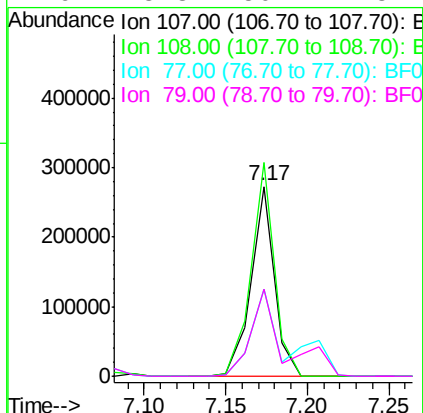
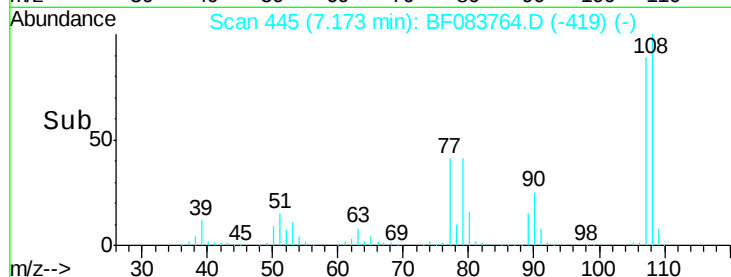
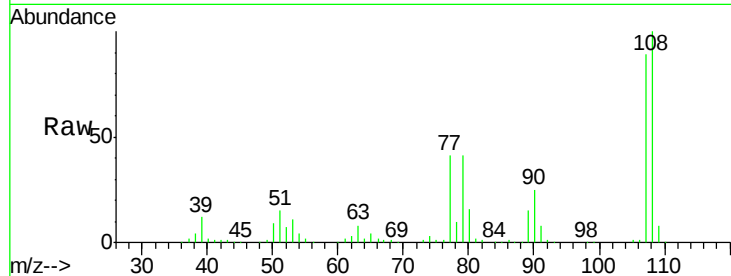
#17
2-Methylphenol
Concen: 43.43 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	91.6	137.4	
77	45.8	53.7	80.5#	
79	45.8	50.2	75.4#	

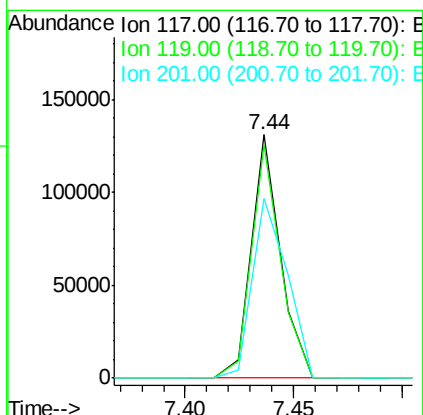
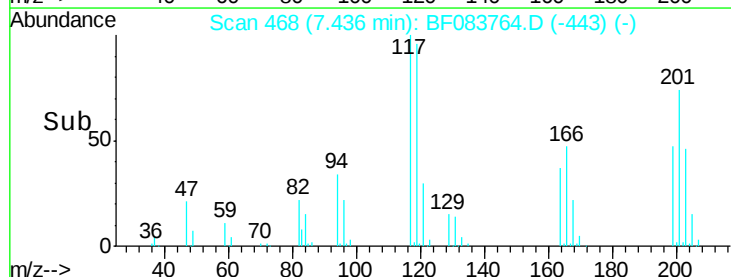
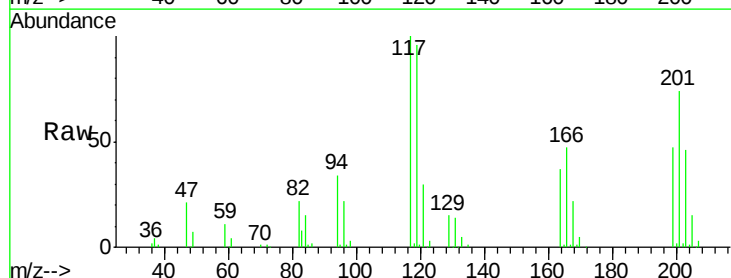
Manual Integrations
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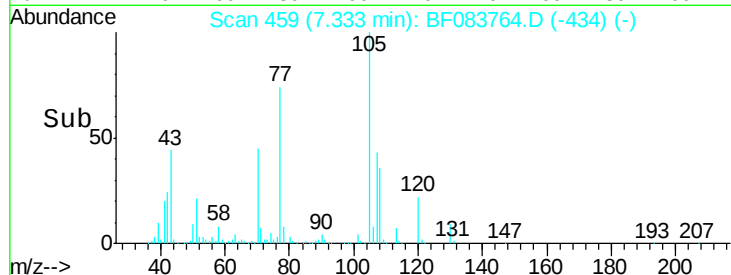
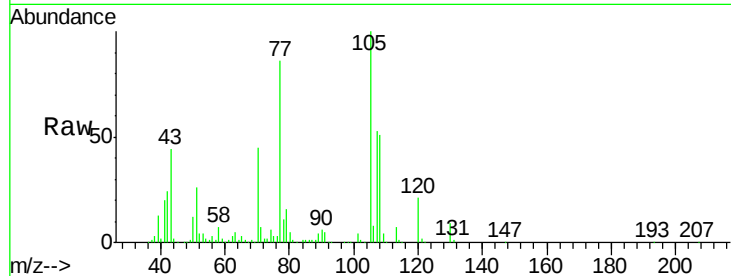
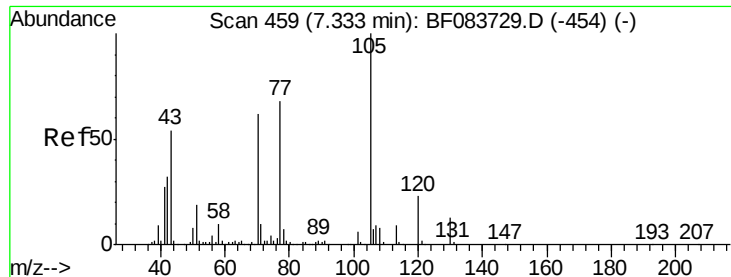
MMdadoda
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#18
Hexachloroethane
Concen: 40.84 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	77.2	115.8	
201	73.6	86.8	130.2#	





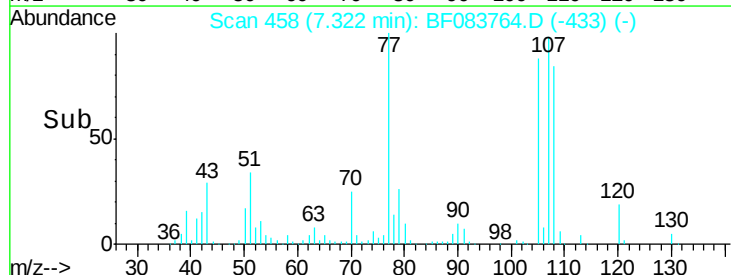
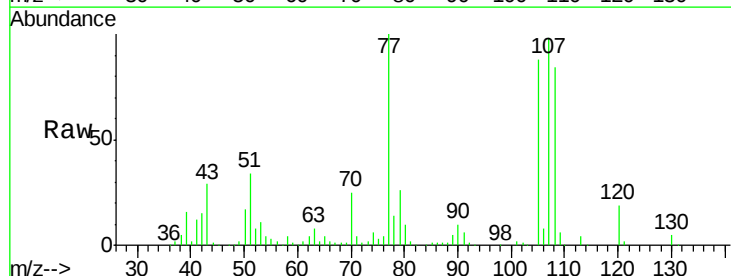
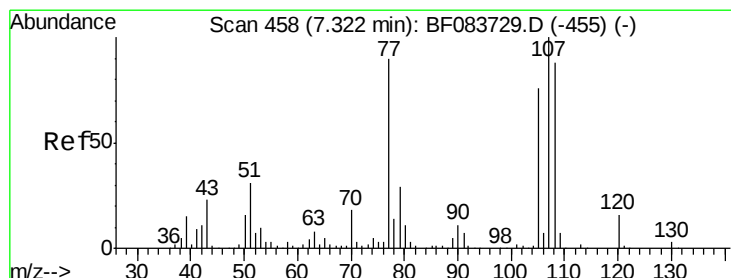
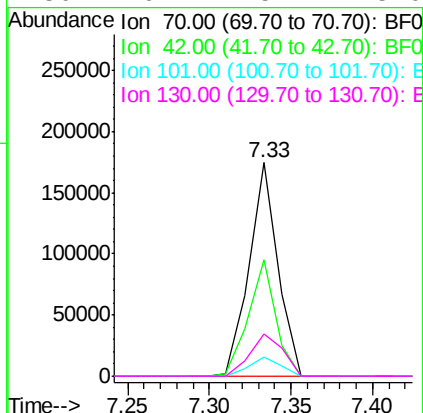
#19
n-Nitroso-di-n-propylamine
Concen: 41.39 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.4	49.2	73.8		
101	9.1	7.1	10.7		
130	20.1	15.4	23.0		

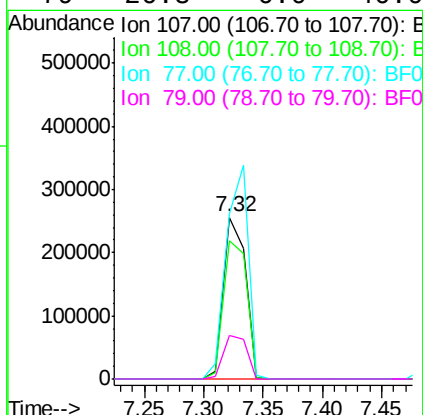
Manual Integrations
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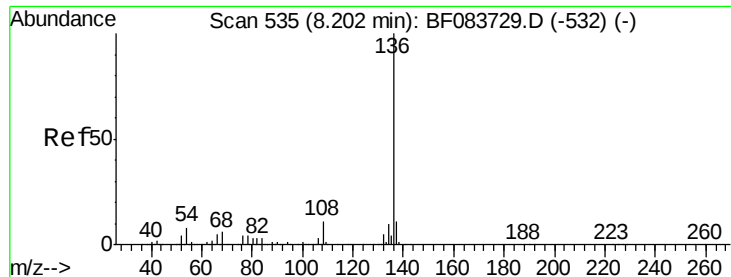
MMdadoda
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#20
3+4-Methylphenols
Concen: 44.48 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.9	65.2	105.2		
77	102.1	15.2	55.2#		
79	26.8	6.0	46.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

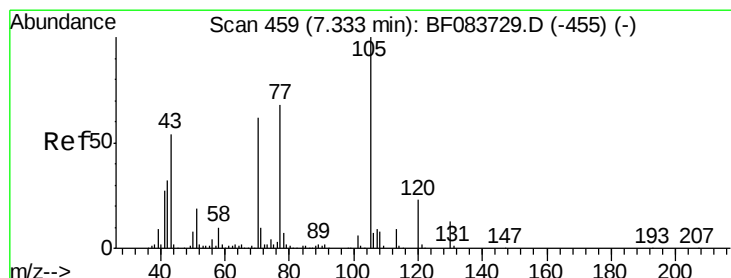
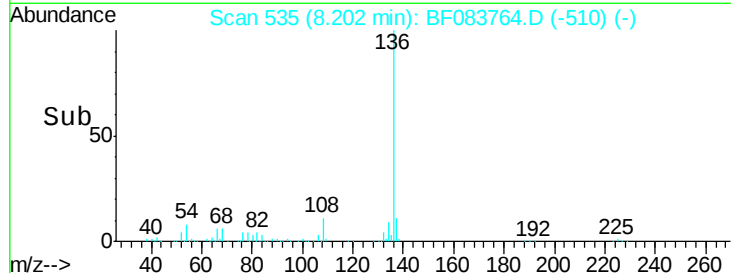
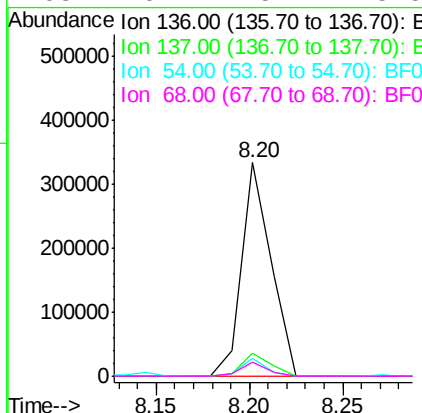
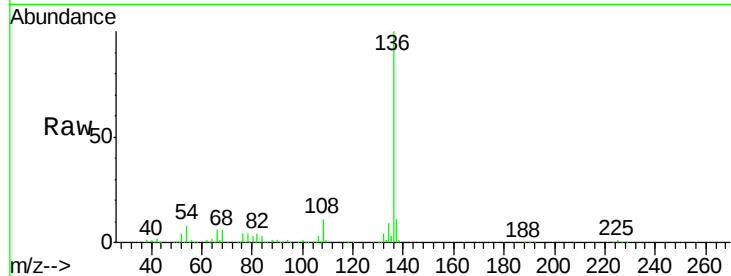
ClientSampleId :

SB-04(0-0.16)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		363913		
137	11.1		8.7	13.1	
54	8.2		7.8	11.6	
68	6.4		5.7	8.5	

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#22

Acetophenone

Concen: 50.33 ng

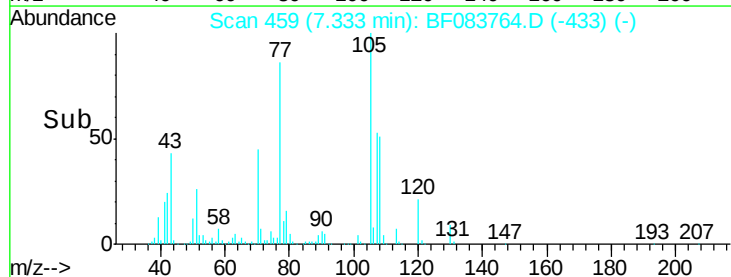
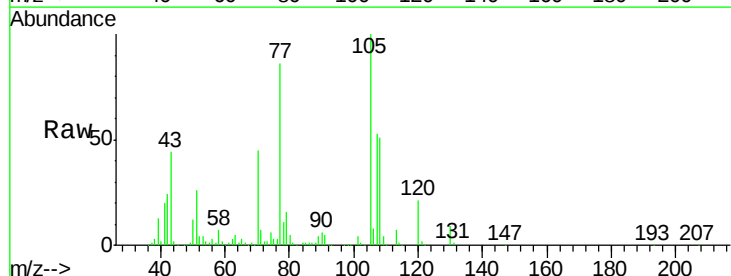
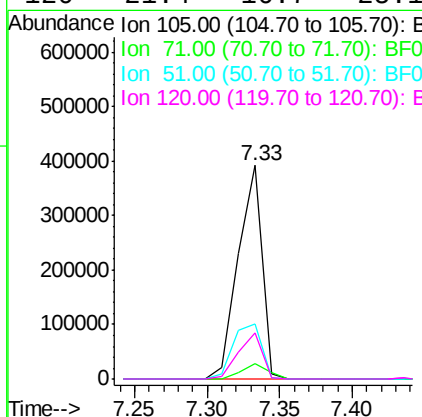
RT: 7.33 min Scan# 459

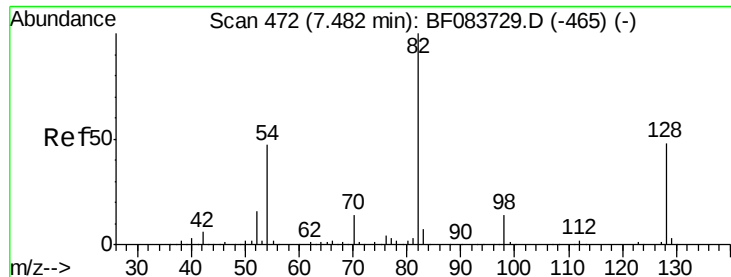
Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		449357		
71	7.4		1.3	1.9#	
51	25.7		23.8	35.8	
120	21.4		16.7	25.1	





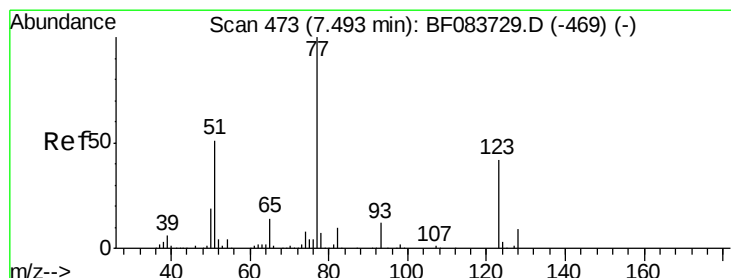
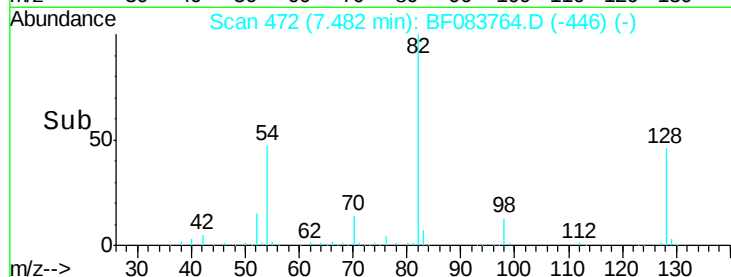
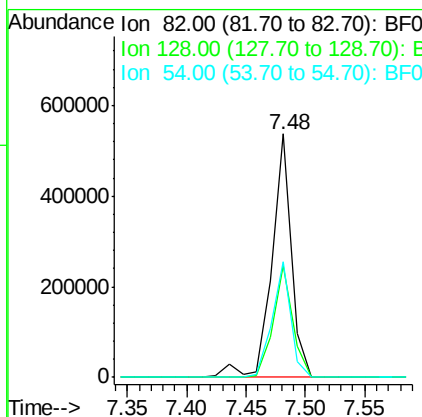
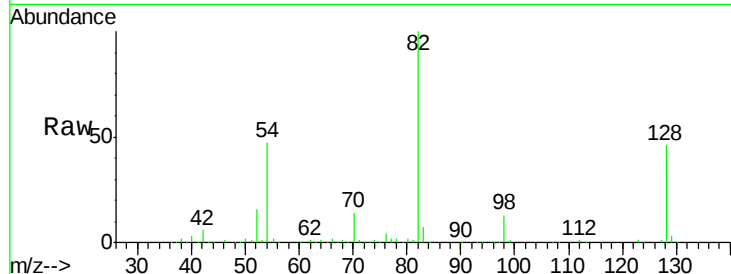
#23
 Nitrobenzene-d5
 Concen: 94.56 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	30.7	46.1
54	47.4	42.5	63.7

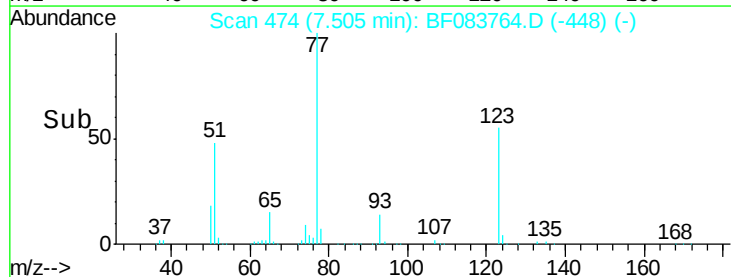
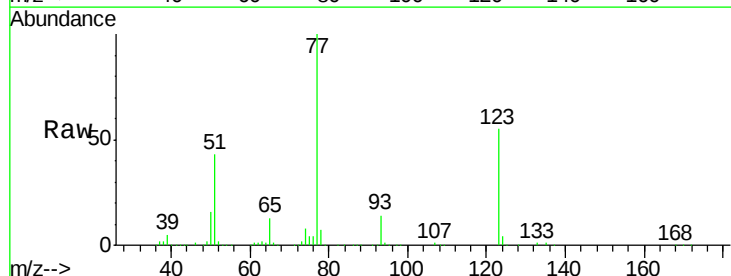
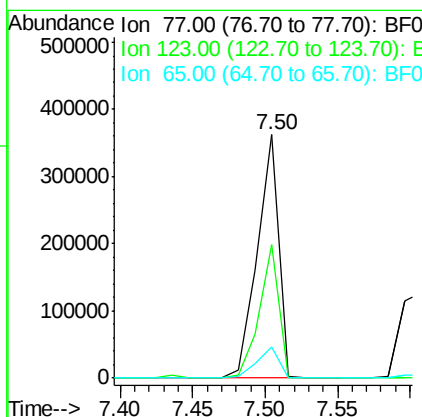
Manual Integrations
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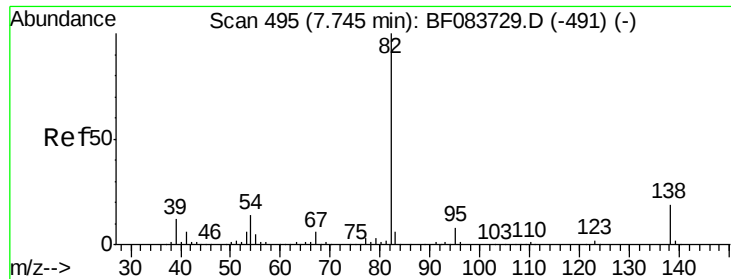
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#24
 Nitrobenzene
 Concen: 54.64 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.9	29.8	44.6#
65	12.6	11.1	16.7





#25

Isophorone

Concen: 48.88 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

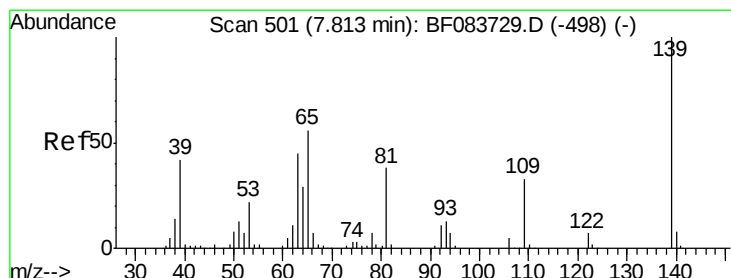
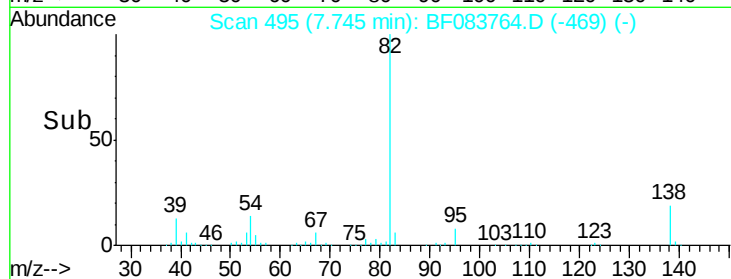
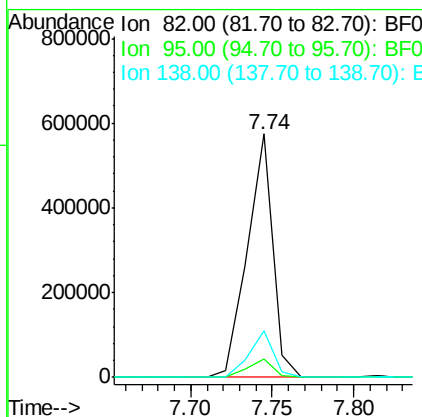
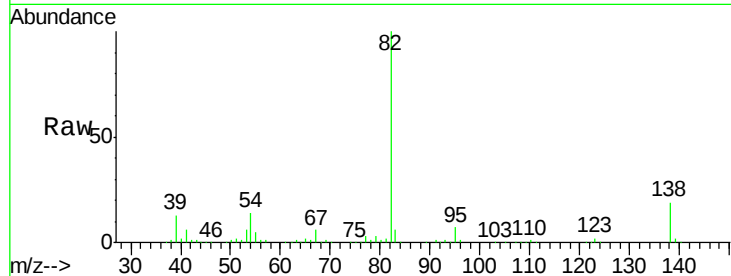
ClientSampleId :

SB-04(0-0.16)MS

Tot Ion:	82	Resp:	623744
Ion Ratio		Lower	Upper
82	100		
95	7.5	5.0	7.4#
138	19.1	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.82 ng

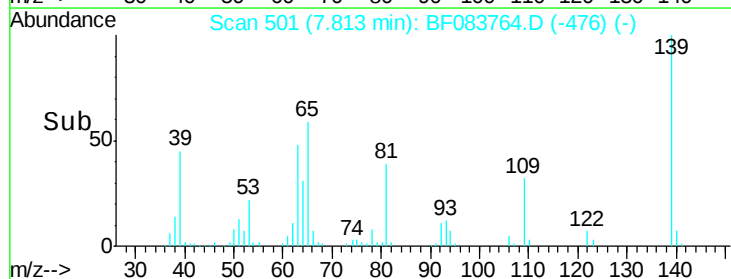
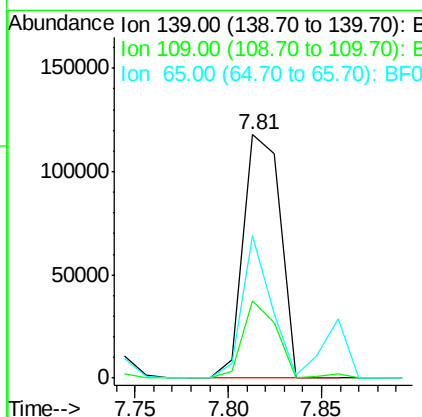
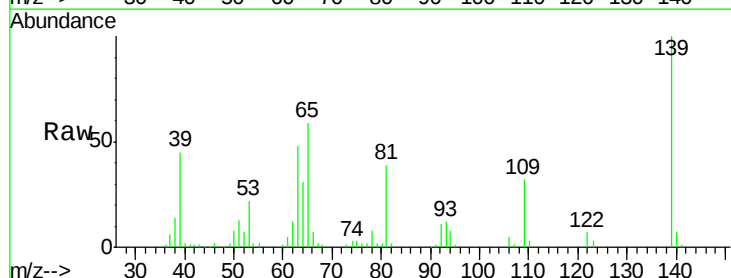
RT: 7.81 min Scan# 501

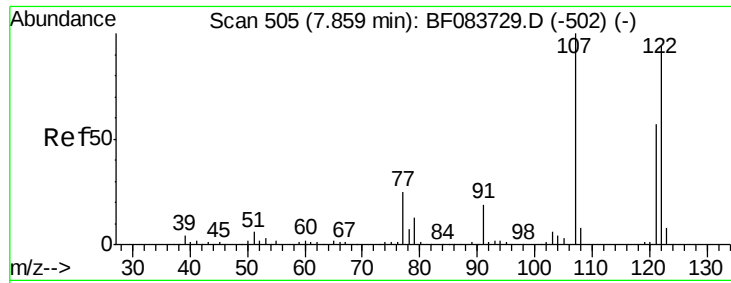
Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion:	139	Resp:	162015
Ion Ratio		Lower	Upper
139	100		
109	31.9	22.7	34.1
65	58.5	51.8	77.8





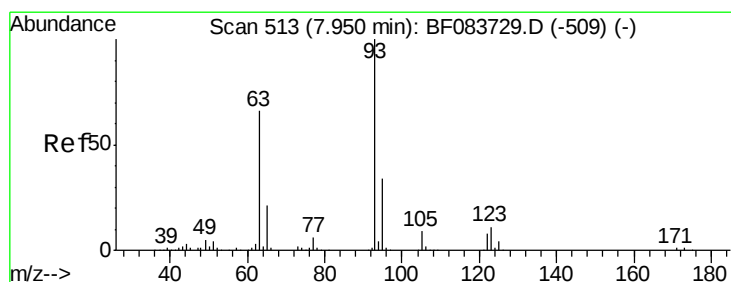
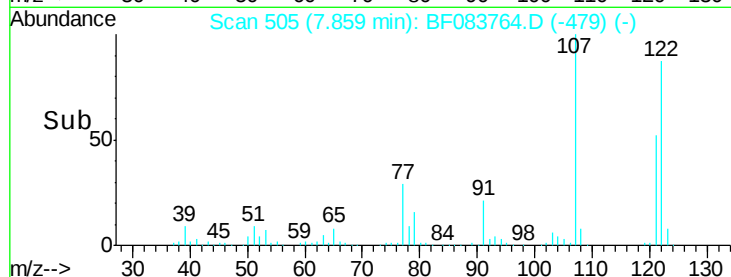
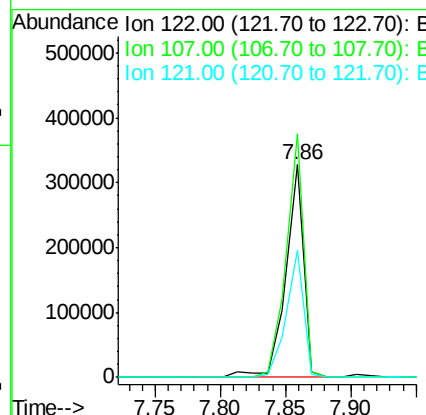
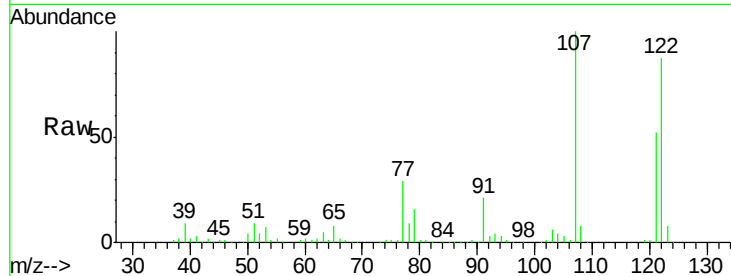
#27
 2,4-Dimethylphenol
 Concen: 49.69 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	317526		
107	114.7	92.4	138.6	
121	59.7	45.8	68.6	

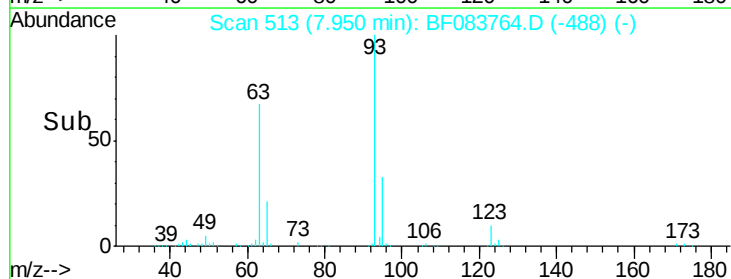
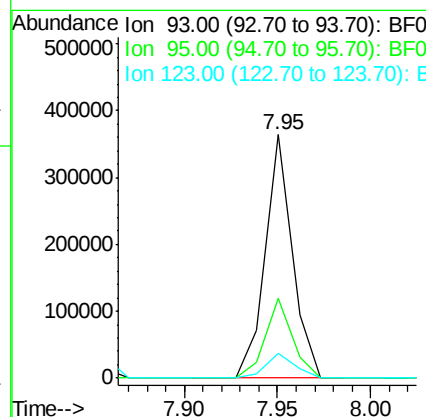
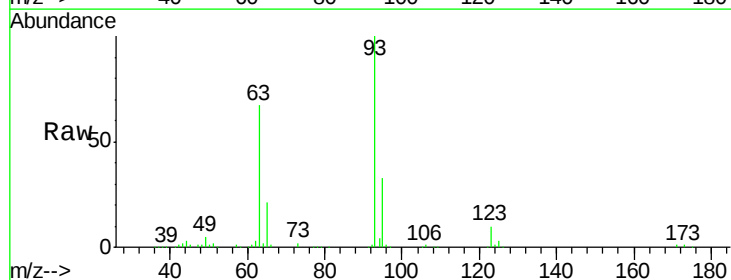
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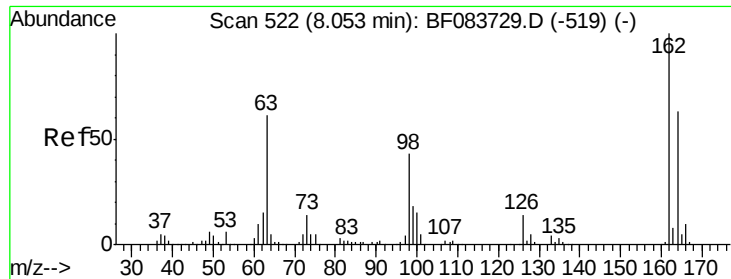
MMdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.06 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	364518		
95	32.9	25.6	38.4	
123	10.3	7.3	10.9	





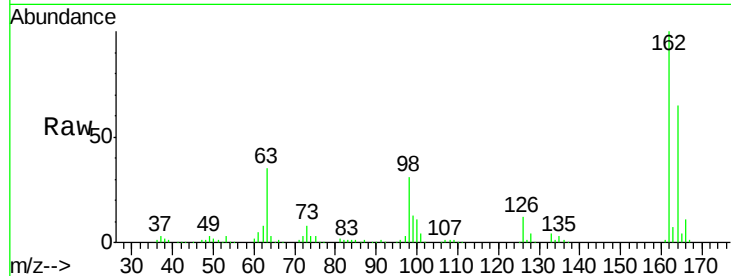
#29
2,4-Dichlorophenol
Concen: 51.29 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

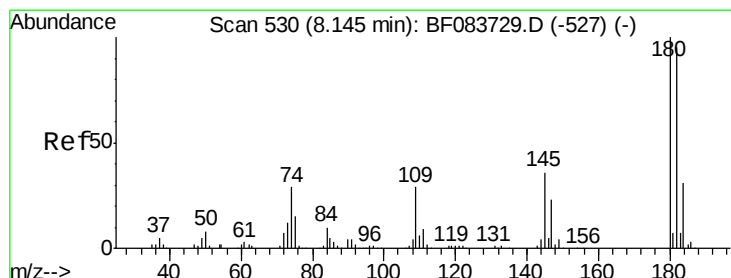
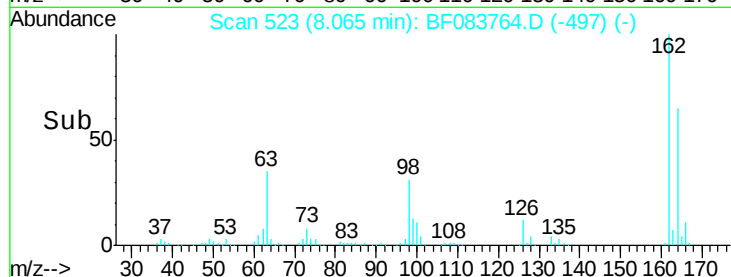
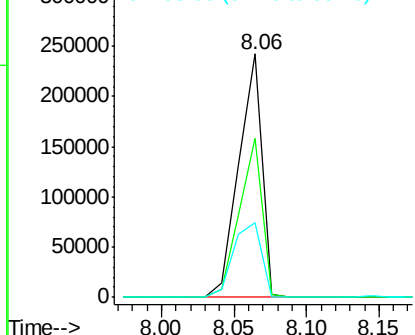
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.5	43.4	83.4
98	30.8	17.5	57.5

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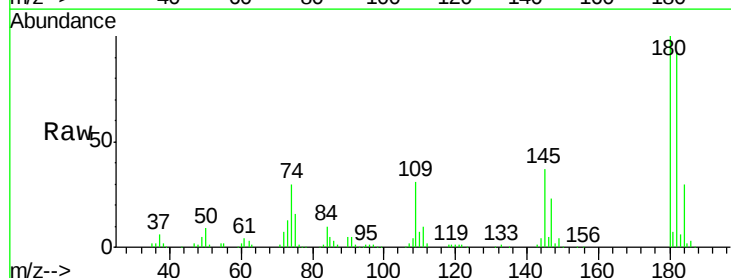


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

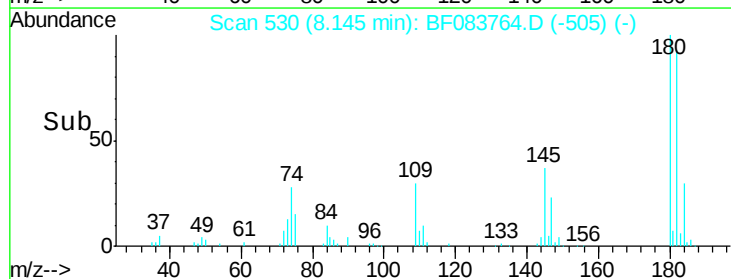
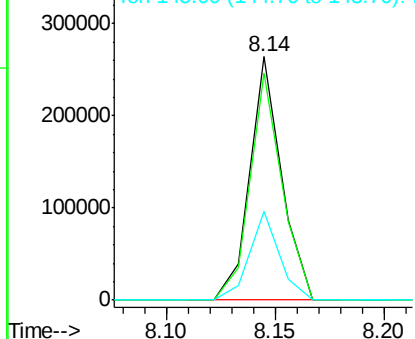


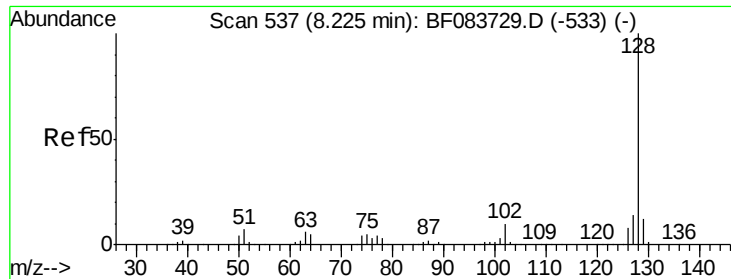
#30
1,2,4-Trichlorobenzene
Concen: 49.26 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.1	74.9	112.3
145	36.7	24.7	37.1



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





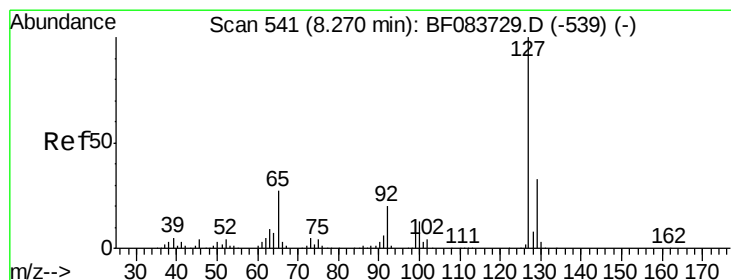
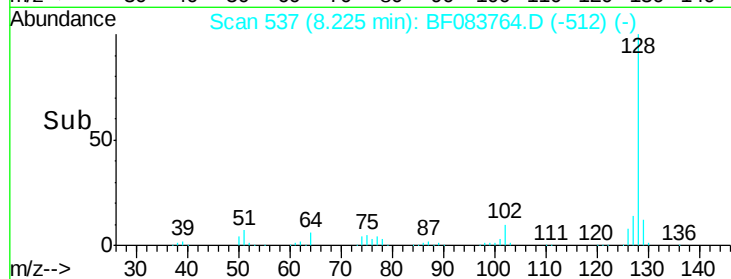
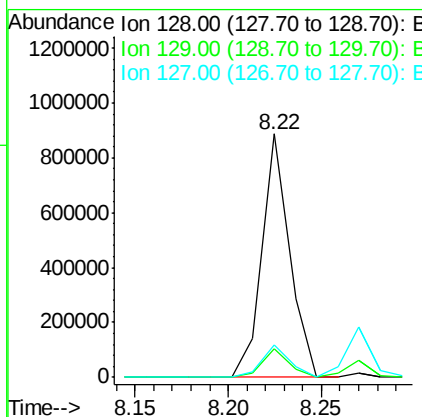
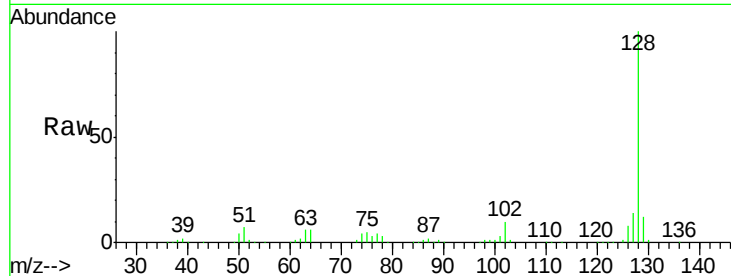
#31
Naphthalene
Concen: 47.79 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.5	10.6	16.0

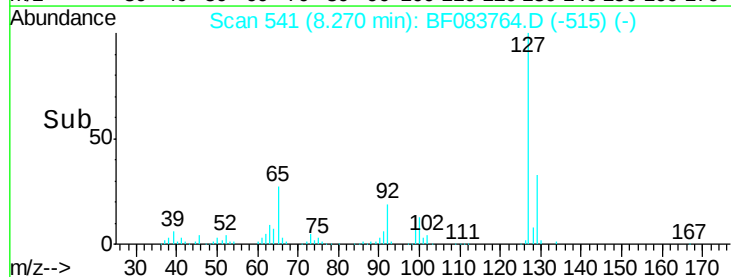
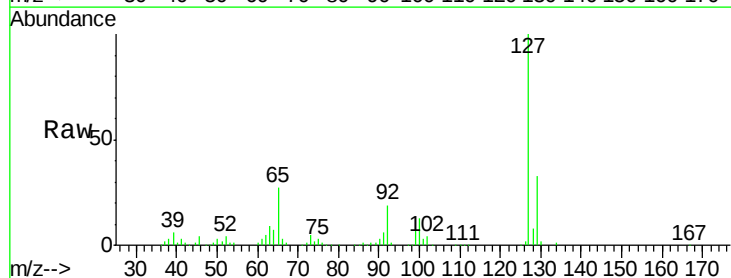
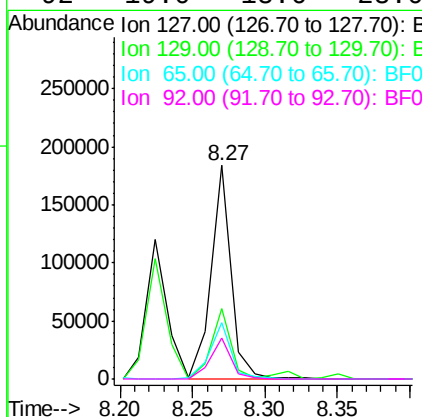
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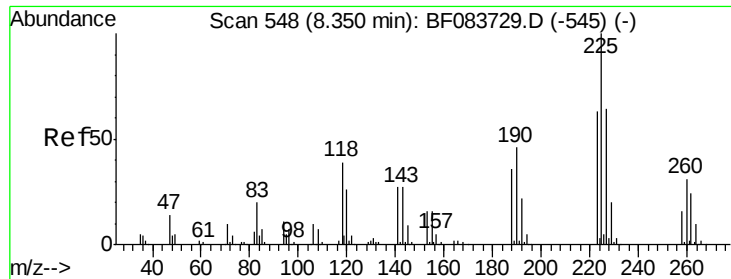
MMdadoda
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#33
4-Chloroaniline
Concen: 22.71 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	33.0	26.1	39.1
65	26.6	33.5	50.3#
92	19.0	18.6	28.0





#34

Hexachlorobutadiene

Concen: 52.26 ng

RT: 8.35 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

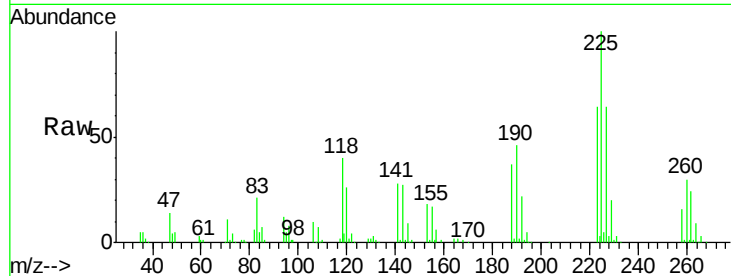
ClientSampleId :

SB-04(0-0.16)MS

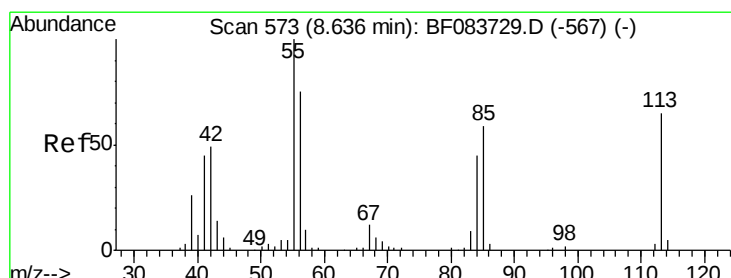
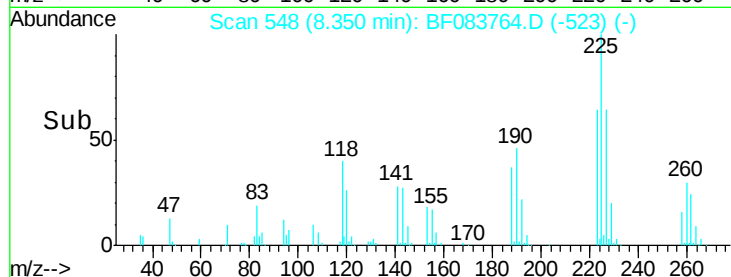
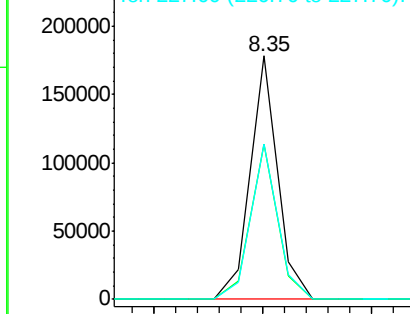
Tot Ion:	225	Resp:	156024
Ion Ratio		Lower	Upper
225	100		
223	64.0	52.3	78.5
227	63.6	50.4	75.6

Manual Integrations
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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 47.77 ng

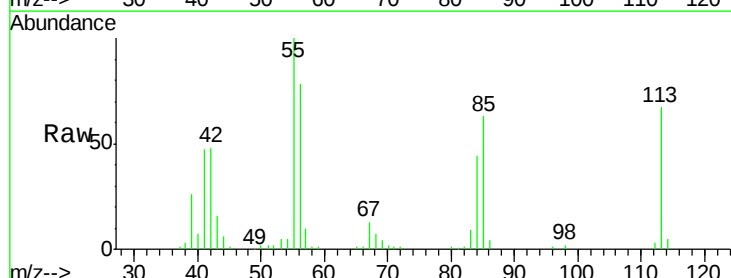
RT: 8.62 min Scan# 572

Delta R.T. -0.01 min

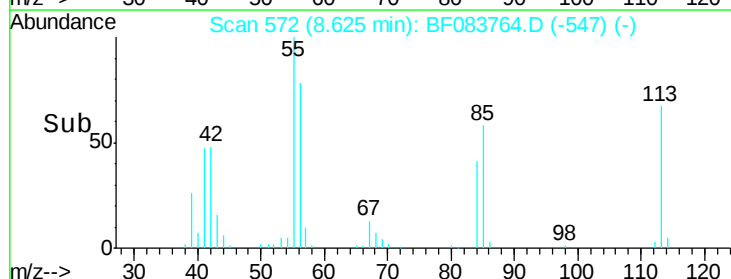
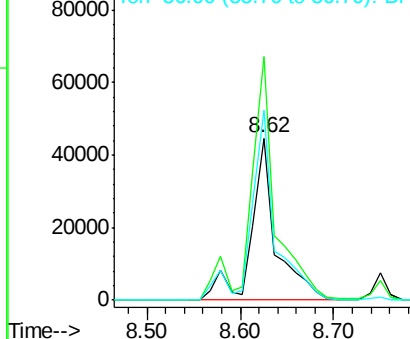
Lab File: BF083764.D

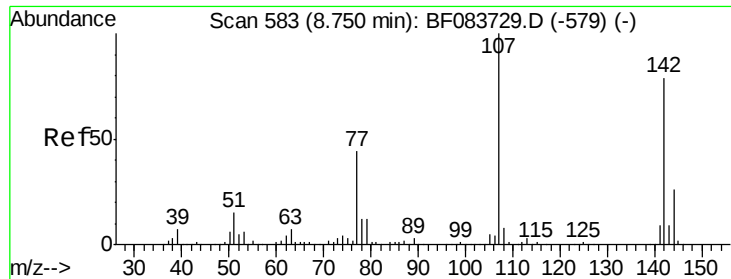
Acq: 14 Dec 2015 7:53

Tgt Ion:	113	Resp:	80471
Ion Ratio		Lower	Upper
113	100		
55	150.3	189.7	229.7#
56	117.4	130.7	170.7#



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





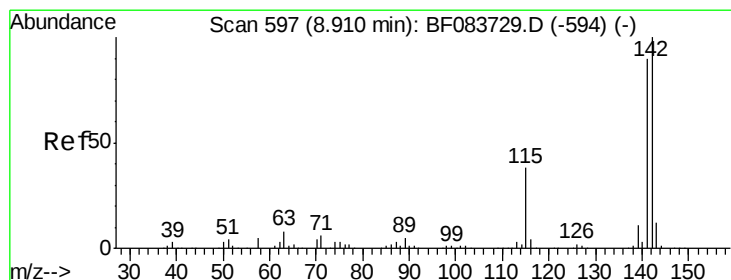
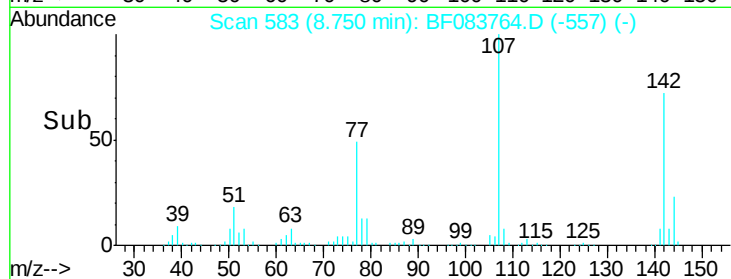
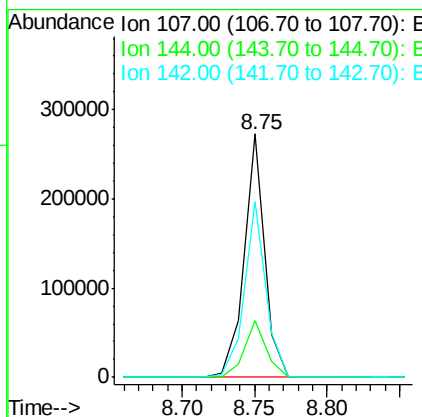
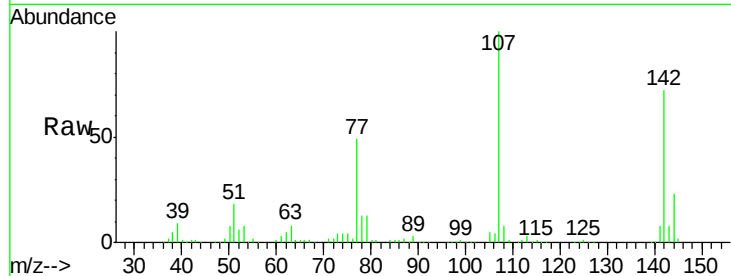
#36
 4-Chloro-3-methylphenol
 Concen: 43.68 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	268036		
144	23.3	17.5	26.3	
142	72.0	53.6	80.4	

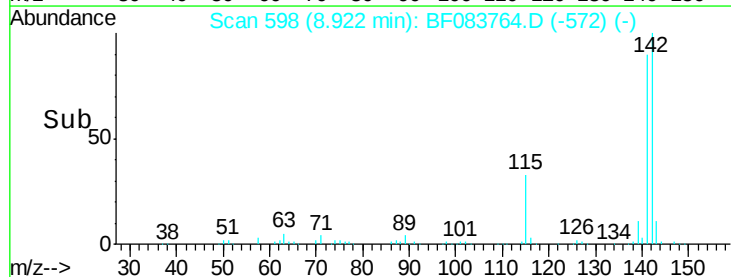
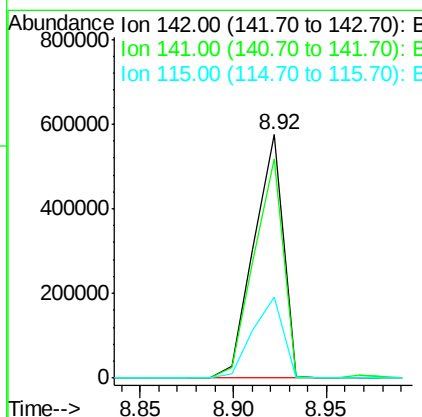
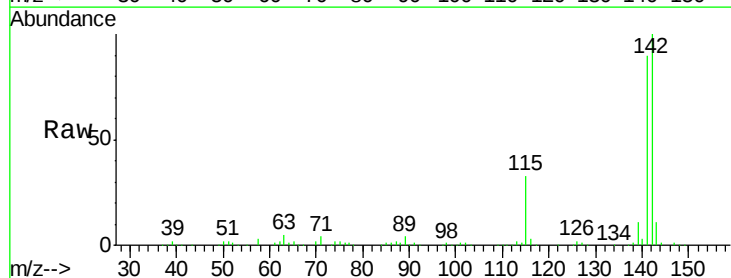
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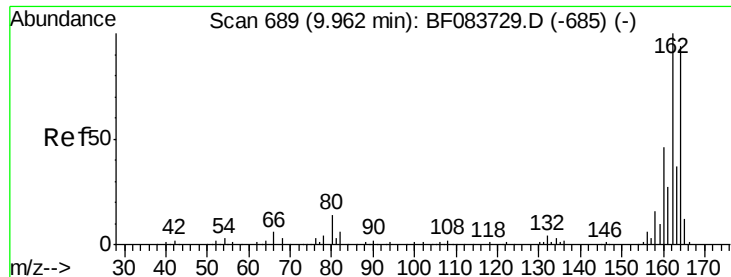
MMdadoda
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#37
 2-Methylnaphthalene
 Concen: 52.45 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	624636		
141	90.2	70.3	105.5	
115	33.5	29.2	43.8	





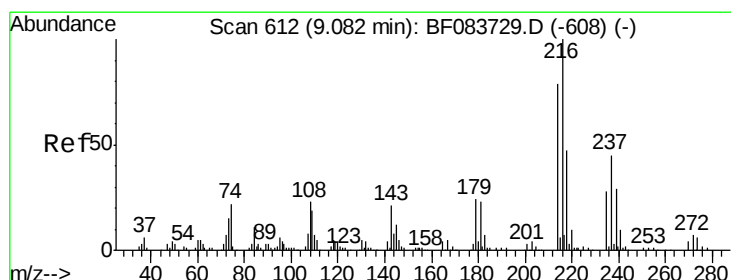
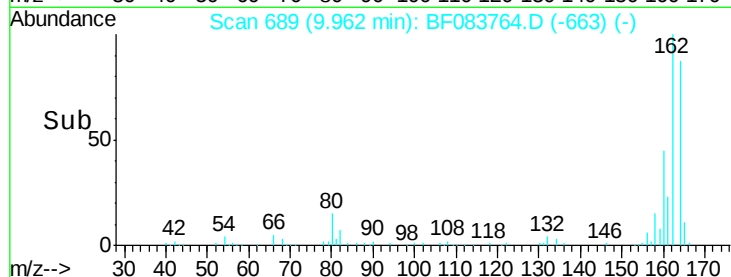
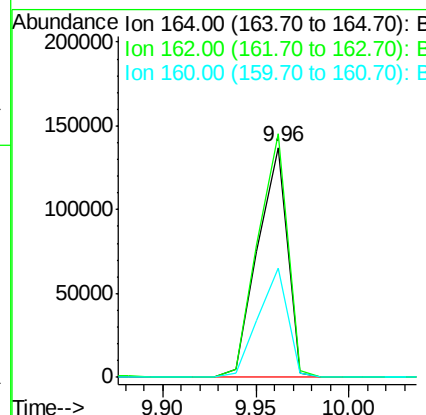
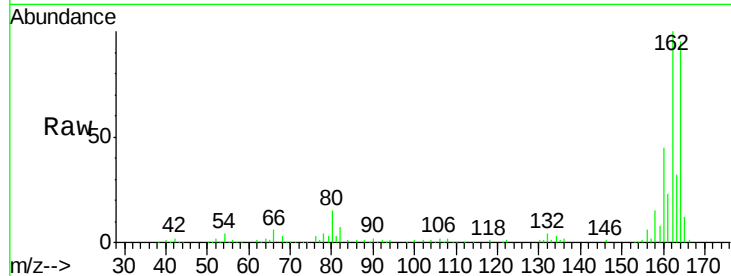
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	150483		
162	105.8	78.8	118.2	
160	47.2	33.4	50.2	

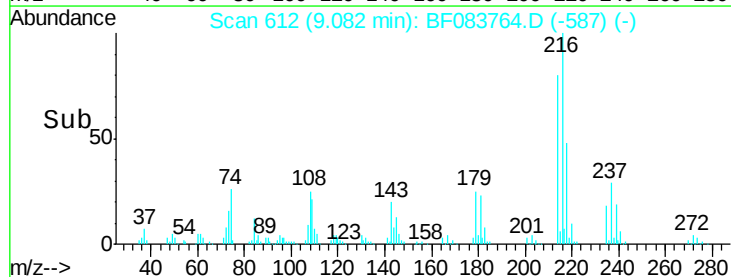
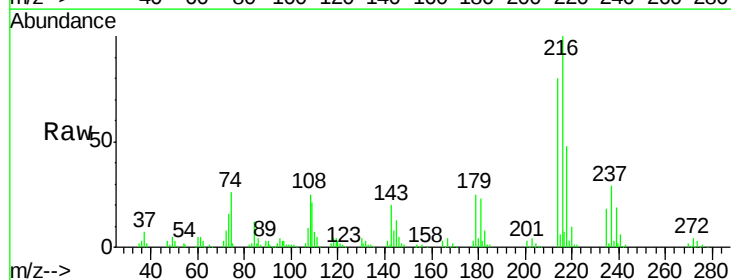
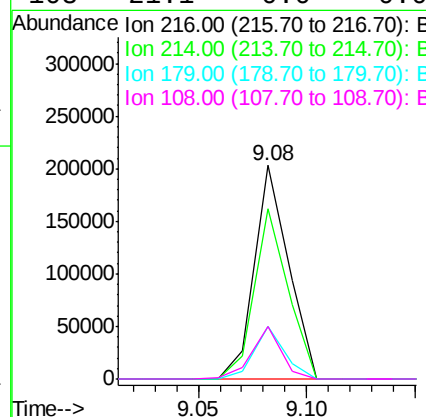
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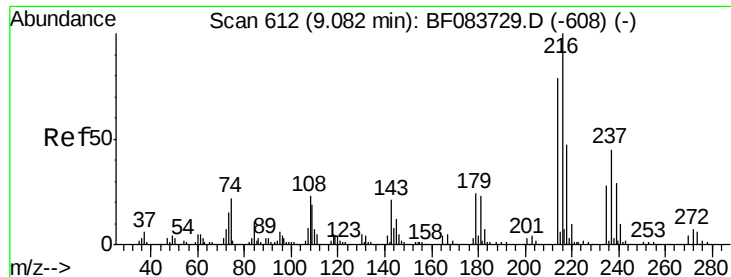
MMdadoda
12/14/2015 6:23:51 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.96 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	221766		
214	78.9	0.0	0.0#	
179	22.3	0.0	0.0#	
108	21.1	0.0	0.0#	





#40

Hexachlorocyclopentadiene

Concen: 32.71 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

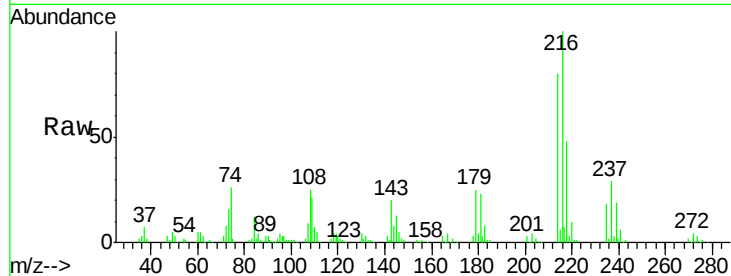
ClientSampleId :

SB-04(0-0.16)MS

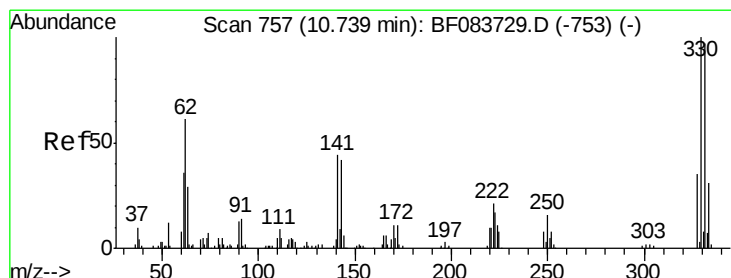
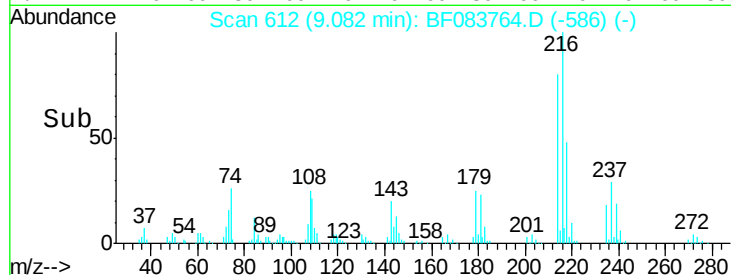
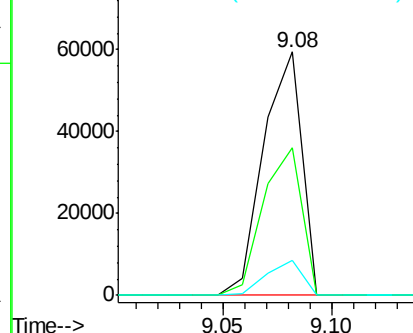
Tot Ion:	237	Resp:	73594
Ion Ratio	Lower	Upper	
237	100		
235	60.4	43.9	83.9
272	14.3	0.0	31.8

Manual Integrations
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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: 127.18 ng

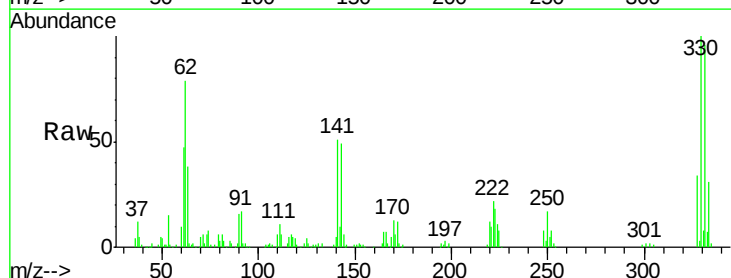
RT: 10.74 min Scan# 757

Delta R.T. -0.01 min

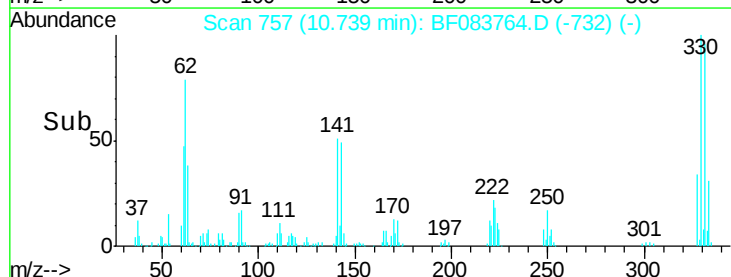
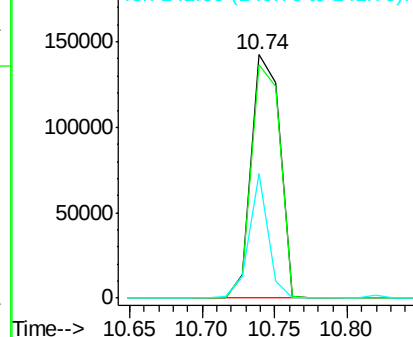
Lab File: BF083764.D

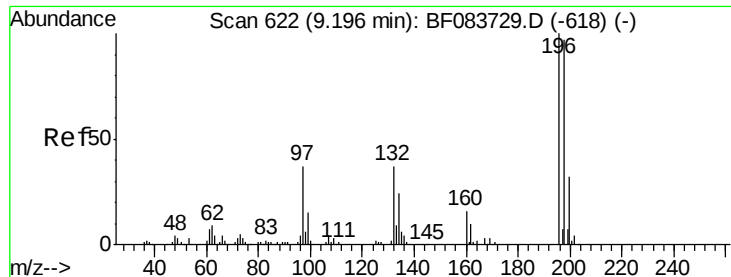
Acq: 14 Dec 2015 7:53

Tgt Ion:	330	Resp:	195017
Ion Ratio	Lower	Upper	
330	100		
332	97.0	0.0	0.0#
141	34.0	0.0	0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 56.65 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

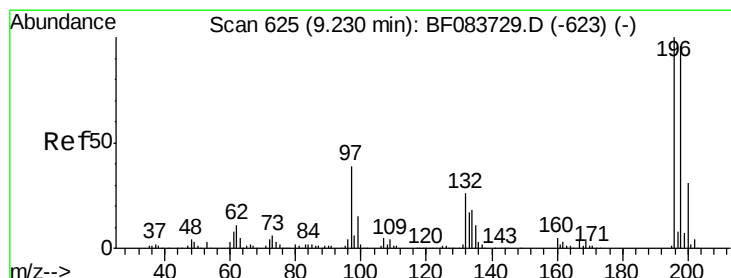
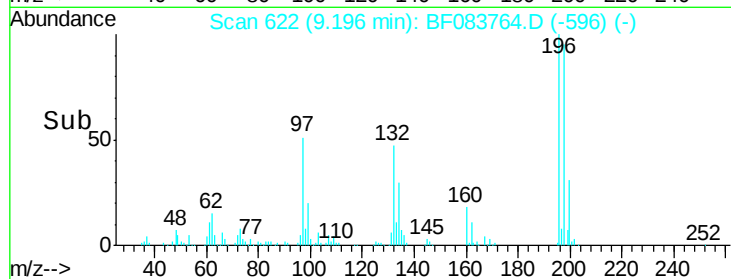
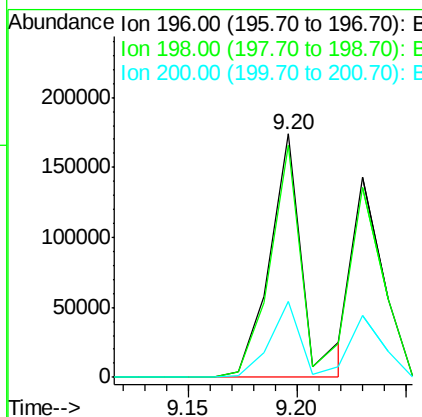
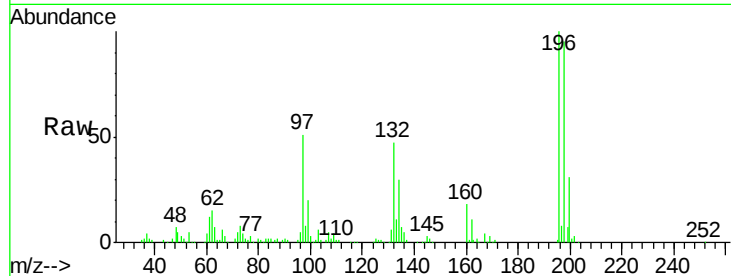
ClientSampleId :

SB-04(0-0.16)MS

Tot Ion:	196	Resp:	184076
Ion Ratio		Lower	Upper
196	100		
198	95.3	75.2	112.8
200	31.1	23.0	34.6

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#43

2,4,5-Trichlorophenol

Concen: 44.80 ng

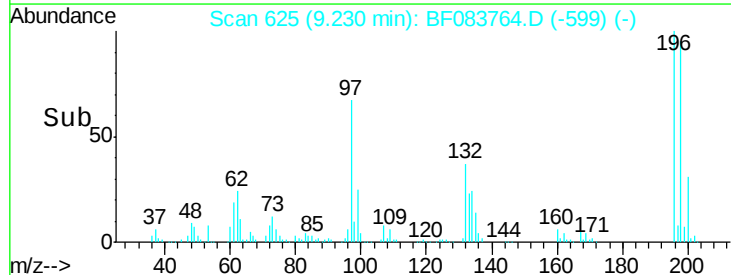
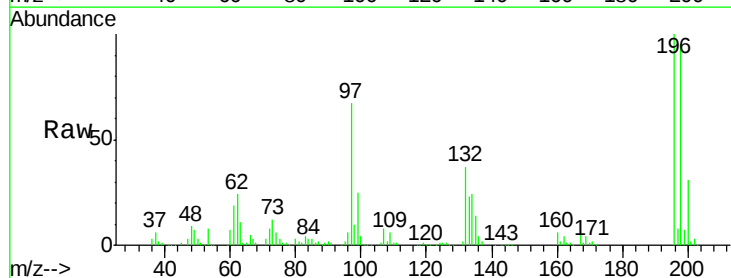
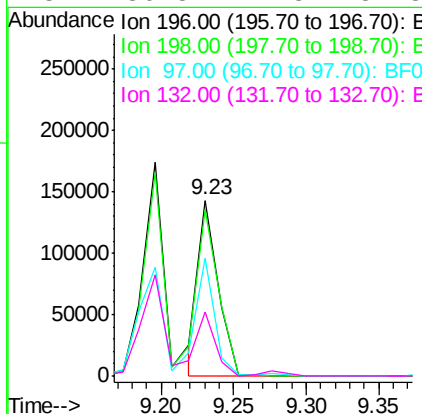
RT: 9.23 min Scan# 625

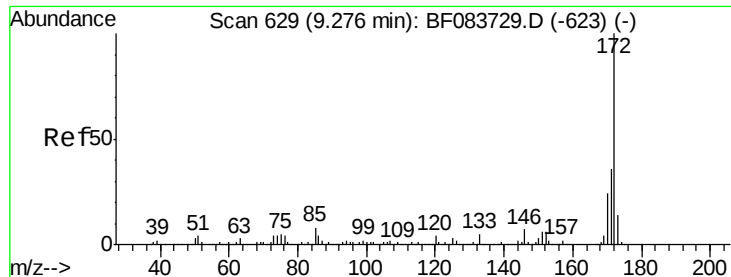
Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion:	196	Resp:	138074
Ion Ratio		Lower	Upper
196	100		
198	95.1	77.7	116.5
97	66.8	41.2	61.8#
132	36.8	21.8	32.8#





#44

2-Fluorobiphenyl

Concen: 118.53 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

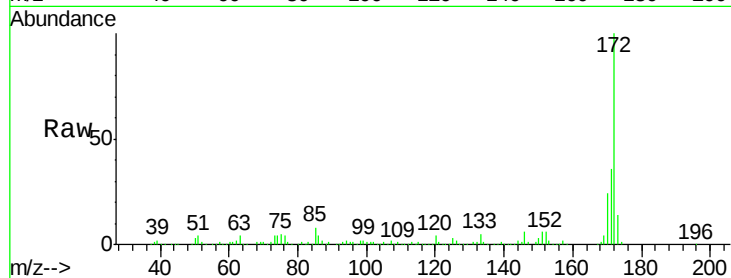
SB-04(0-0.16)MS

Tot Ion:172 Resp: 1067756

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.0	19.4	29.0

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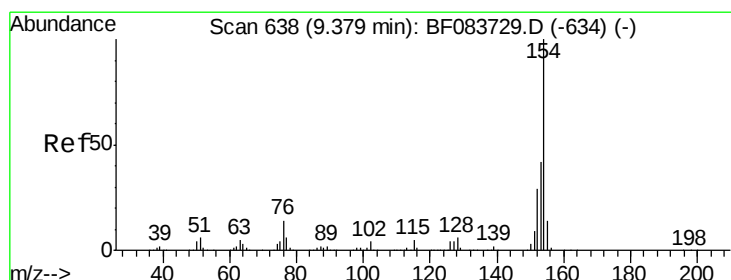
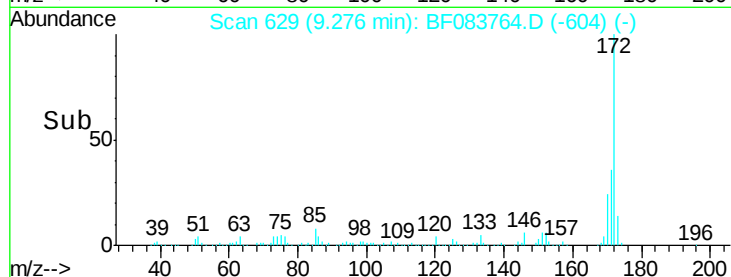
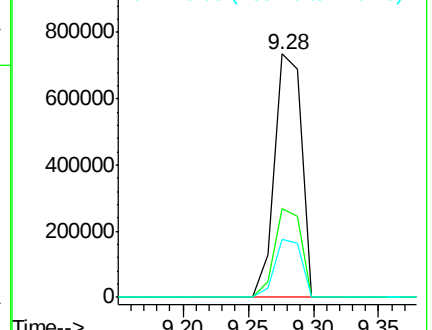
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 47.25 ng

RT: 9.38 min Scan# 638

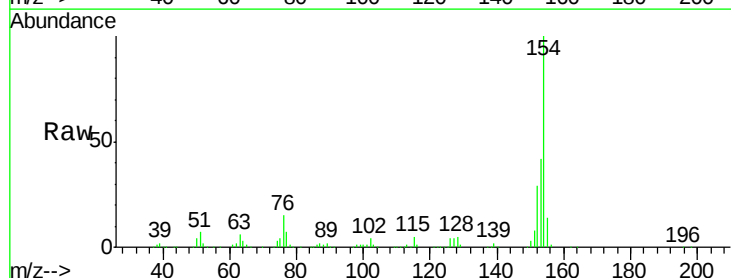
Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion:154 Resp: 630121

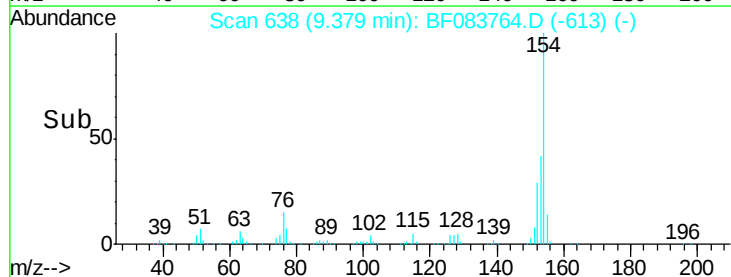
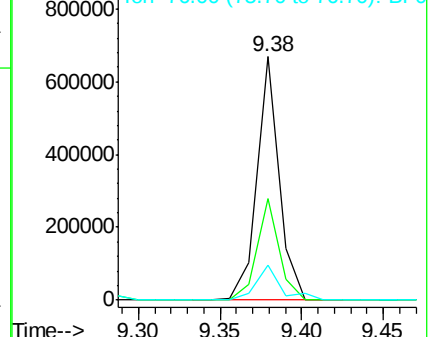
Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.2	60.2
76	14.6	0.0	34.8

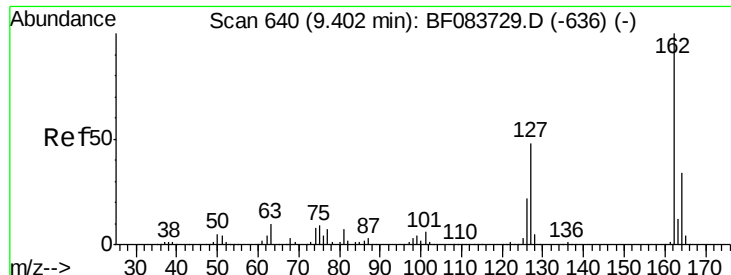


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





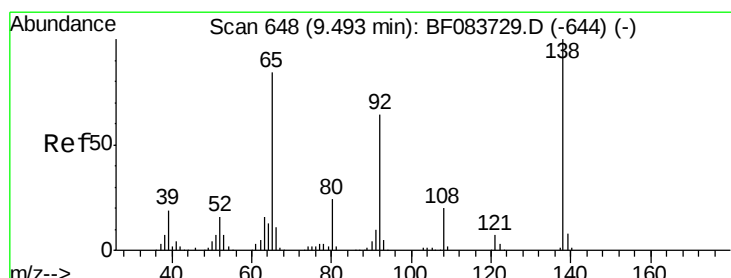
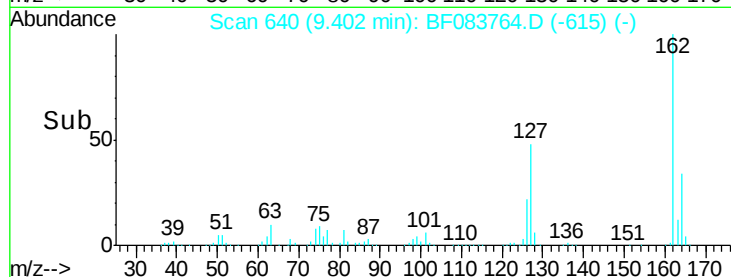
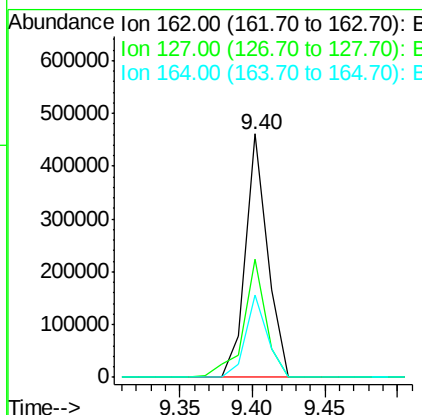
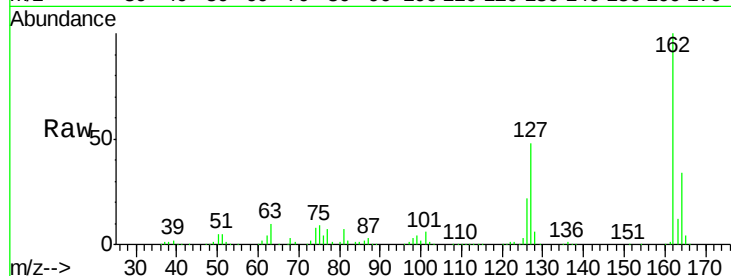
#46
2-Chloronaphthalene
Concen: 49.20 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		484300		
127	48.5	31.0		46.4#	
164	33.7	27.4		41.0	

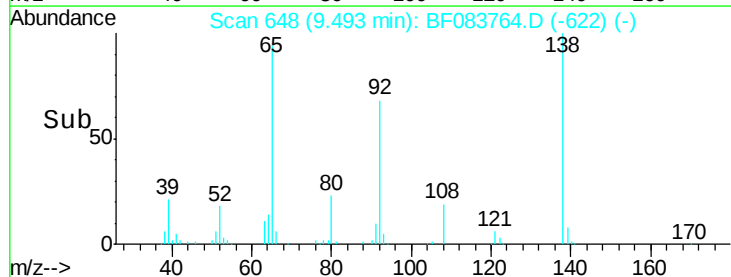
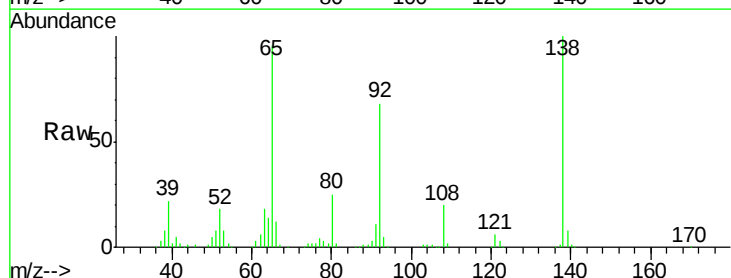
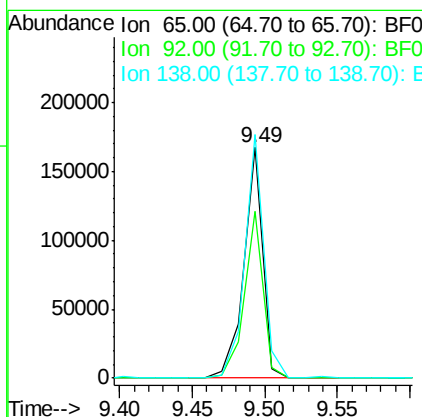
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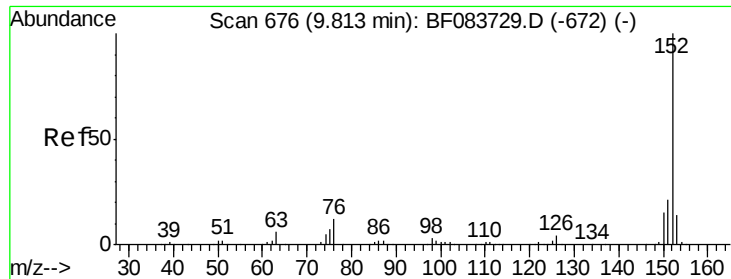
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#47
2-Nitroaniline
Concen: 53.85 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		150351		
92	72.1	49.6		74.4	
138	105.6	64.1		96.1#	





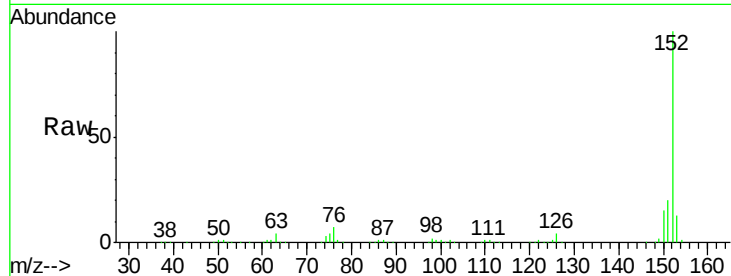
#48
Acenaphthylene
Concen: 48.99 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

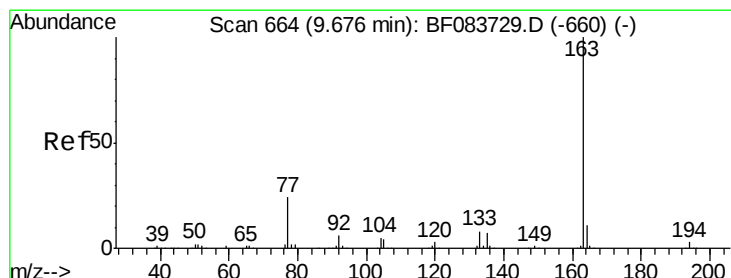
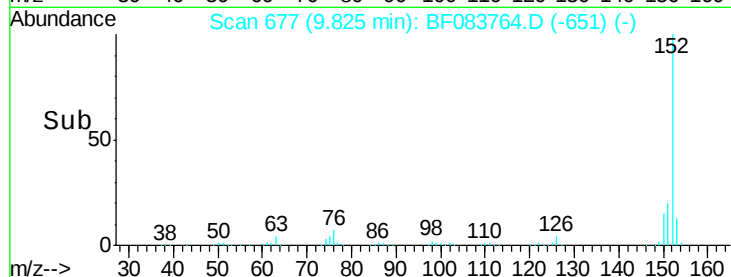
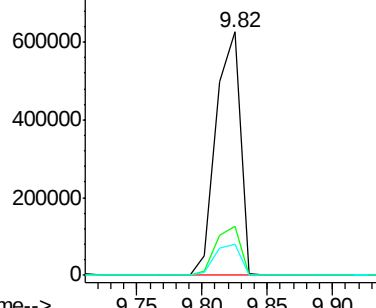
Tot Ion	Ratio	Resp	Lower	Upper
152	100	811474		
151	20.2		16.3	24.5
153	13.0		10.8	16.2

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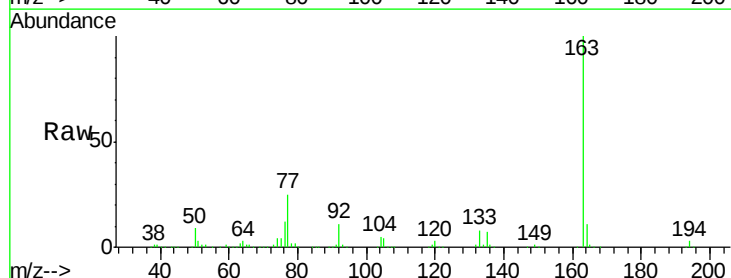


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

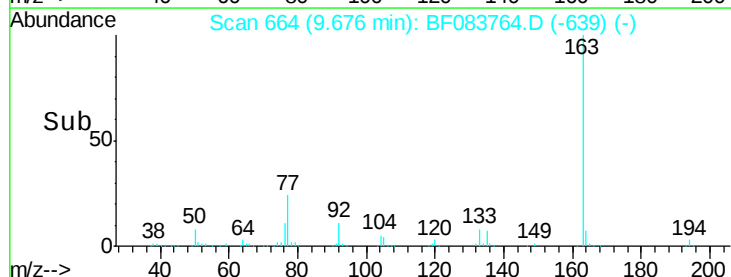
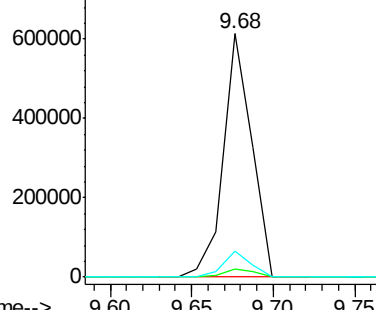


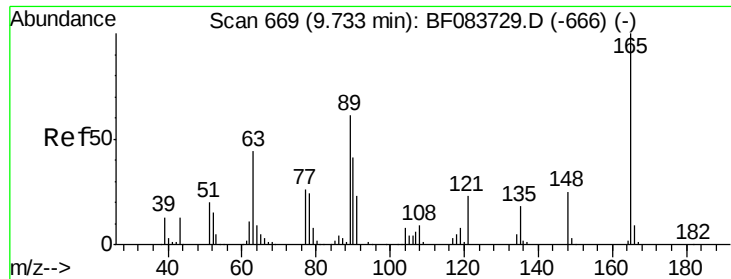
#49
Dimethylphthalate
Concen: 62.84 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	737220		
194	3.1		2.8	4.2
164	10.8		8.6	13.0



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





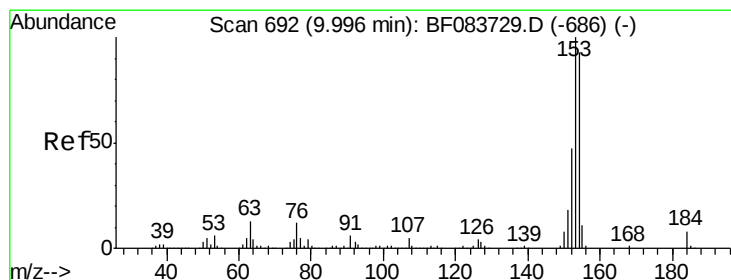
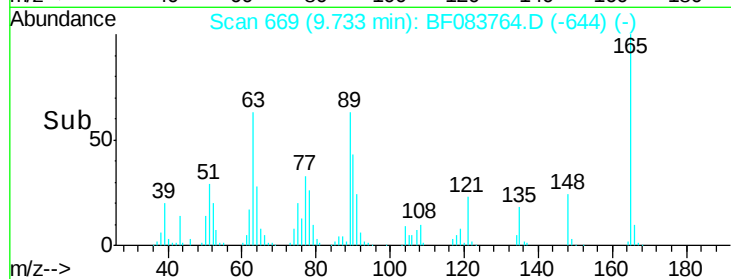
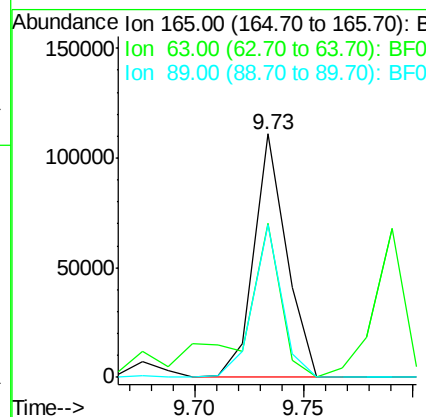
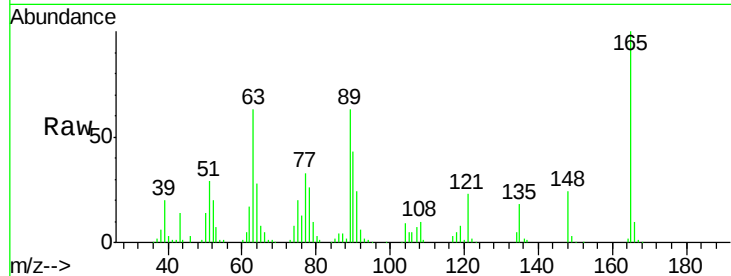
#50
2,6-Dinitrotoluene
Concen: 46.40 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	63.1	56.9		85.3	
89	62.8	52.1		78.1	

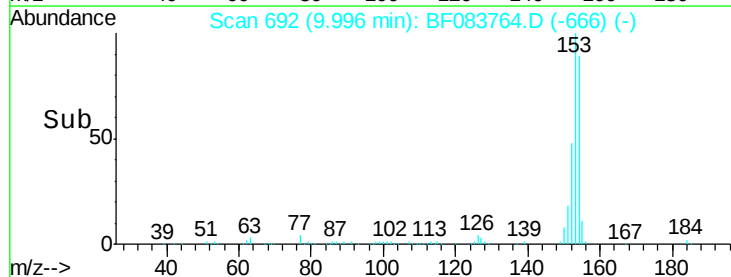
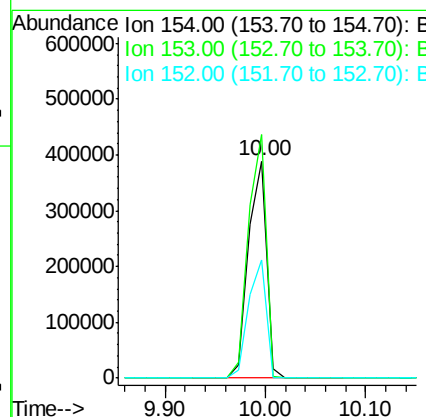
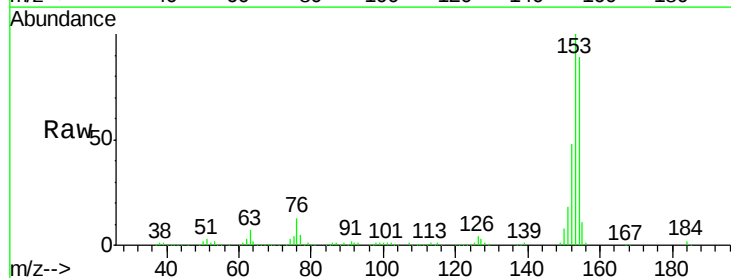
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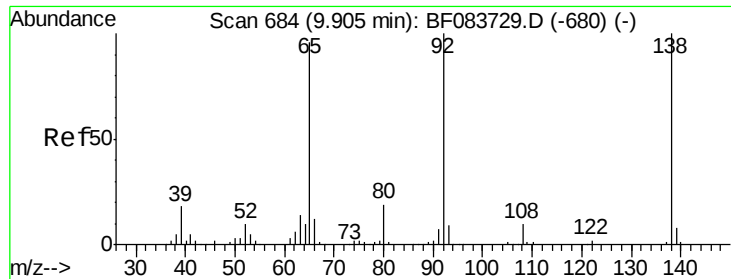
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#51
Acenaphthene
Concen: 48.52 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	112.0	91.4		137.0	
152	54.1	43.4		65.2	





#52

3-Nitroaniline

Concen: 35.59 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

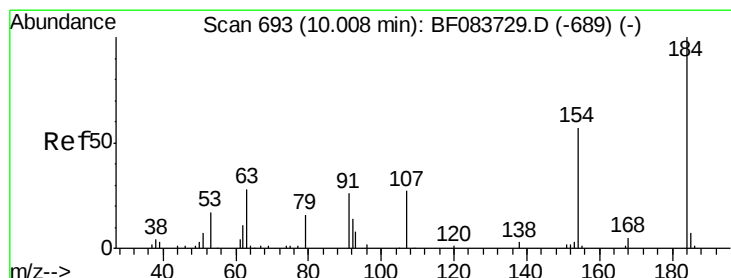
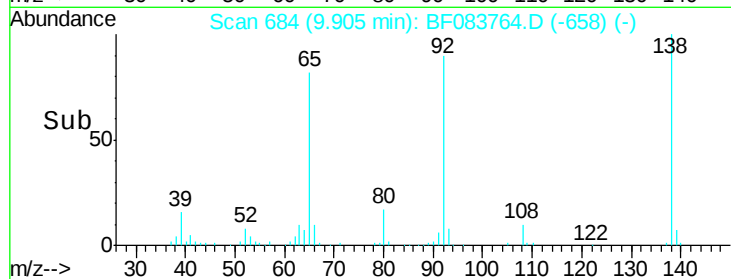
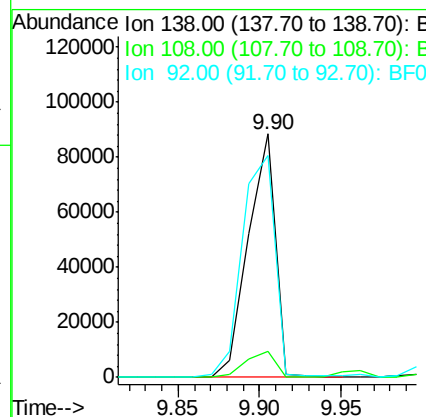
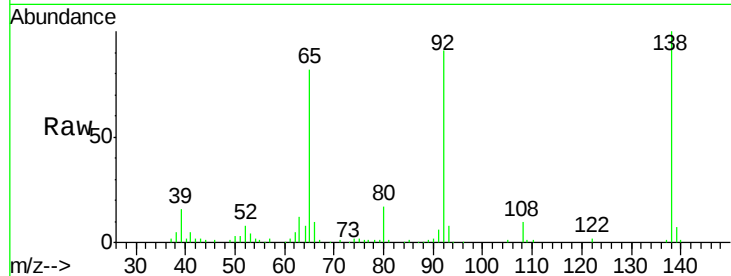
ClientSampleId :

SB-04(0-0.16)MS

Tot Ion:	138	Resp:	102165
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.9	14.9
92	91.0	113.8	170.8#

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#53

2,4-Dinitrophenol

Concen: 26.69 ng

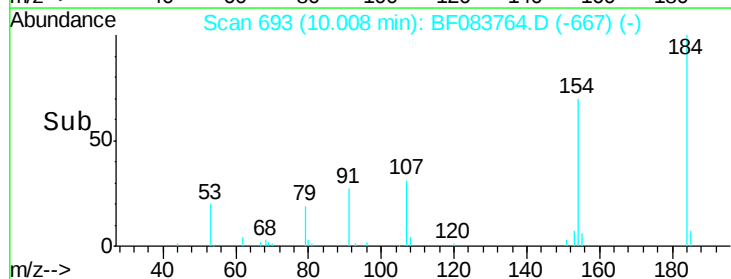
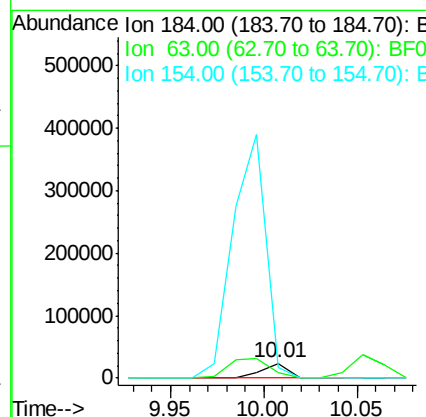
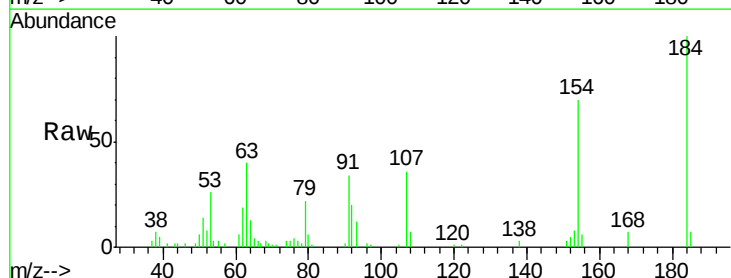
RT: 10.01 min Scan# 693

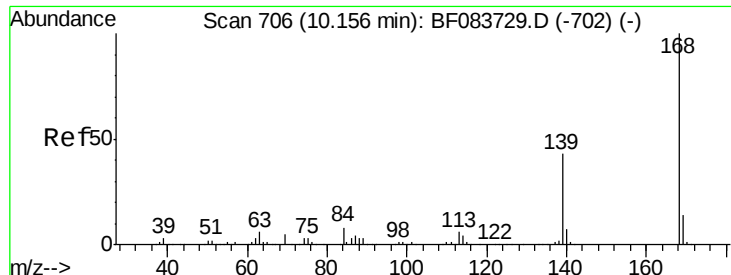
Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion:	184	Resp:	22851
Ion Ratio	Lower	Upper	
184	100		
63	40.5	62.4	93.6#
154	69.7	46.6	69.8





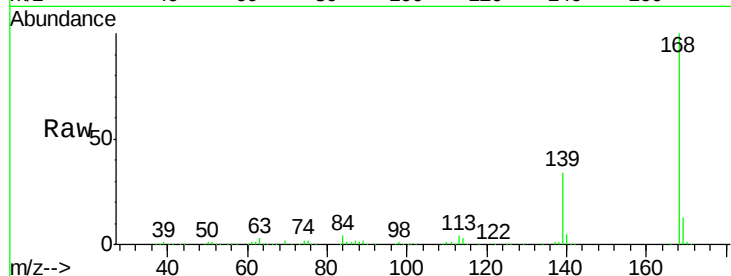
#54
Dibenzenofuran
Concen: 52.42 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

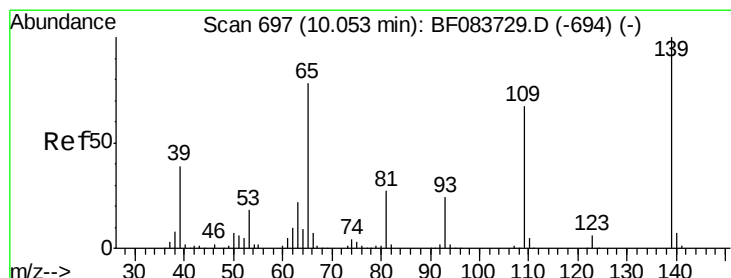
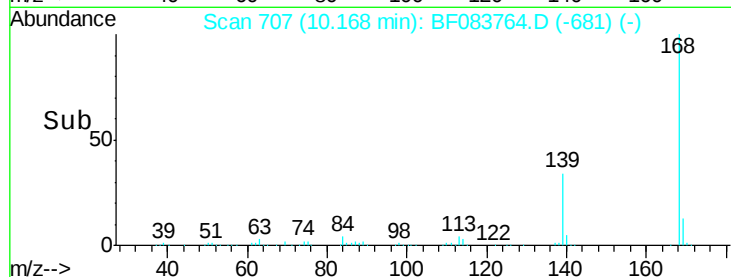
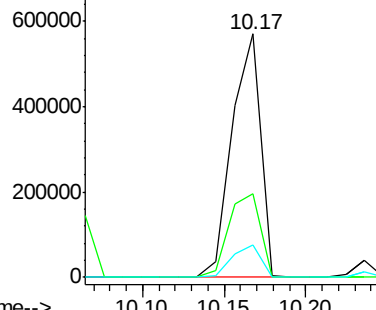
Tot Ion	Ratio	Resp	Lower	Upper
168	100	695466		
139	34.3	28.0	42.0	
169	13.2	10.8	16.2	

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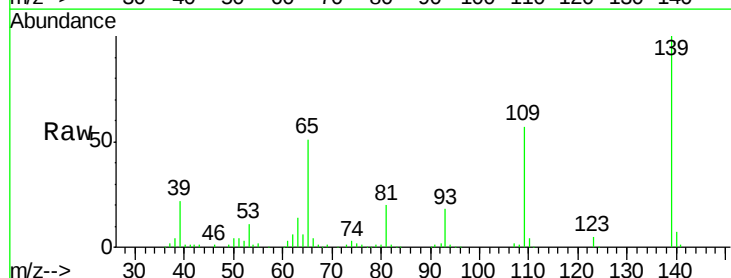


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

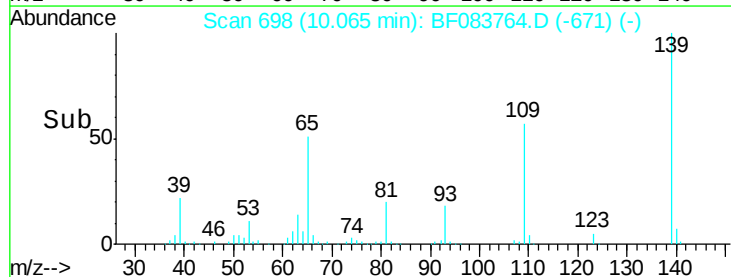
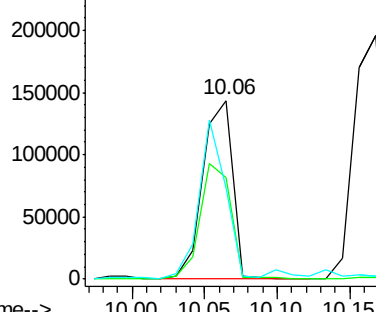


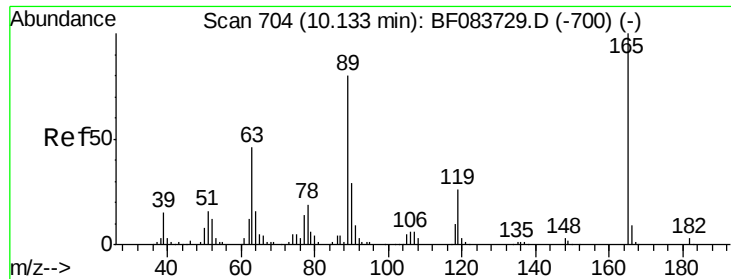
#55
4-Nitrophenol
Concen: 97.09 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	206382		
109	56.8	42.0	82.0	
65	51.1	89.2	129.2#	



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





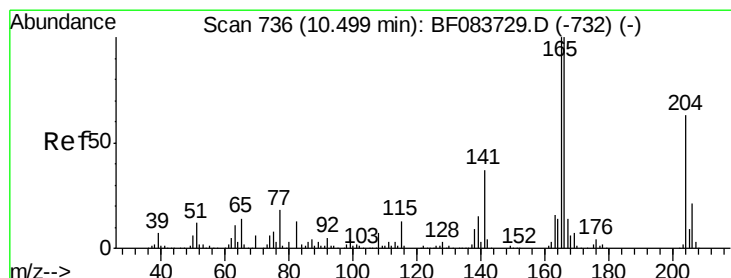
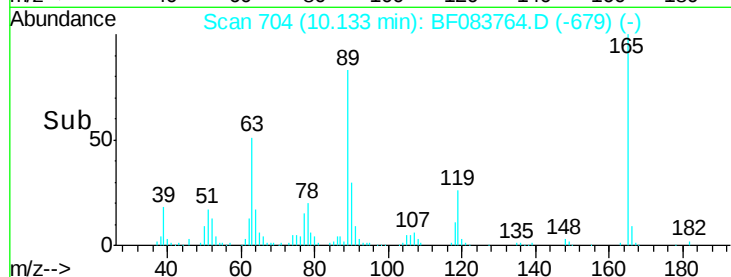
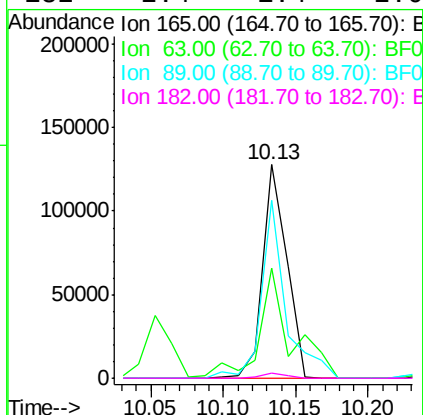
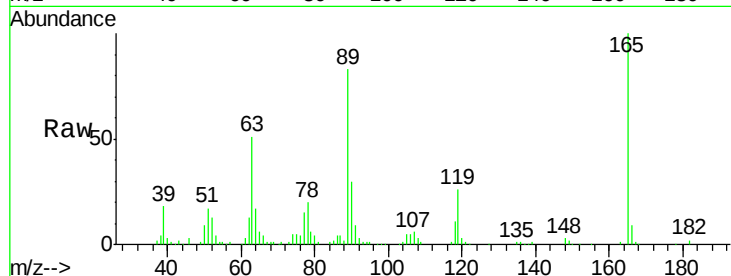
#56
2,4-Dinitrotoluene
Concen: 45.13 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		146785		
63	51.3	51.4	77.2#		
89	83.2	72.6	108.8		
182	2.4	1.4	2.0#		

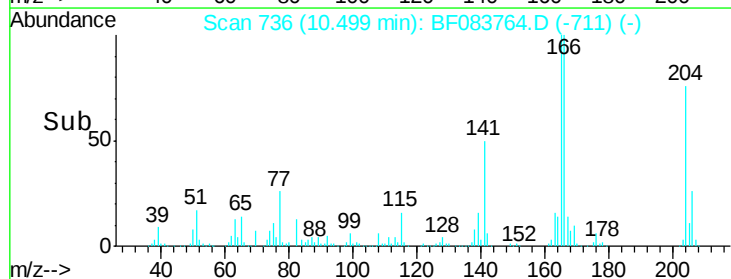
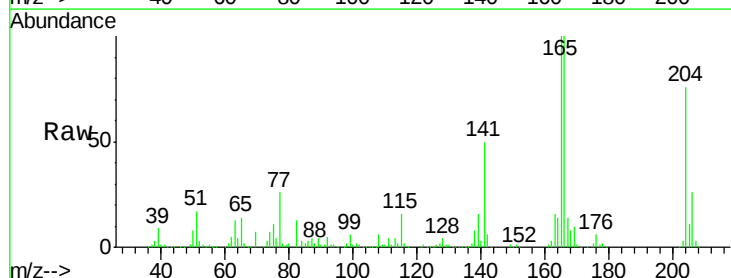
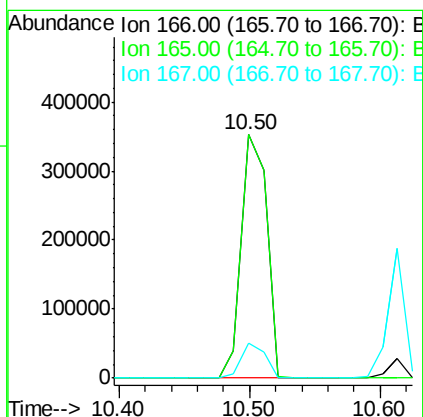
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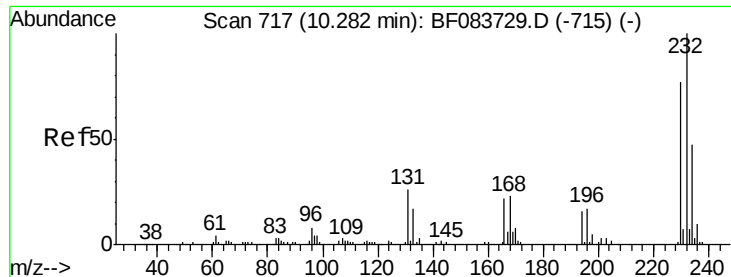
MMdadoda
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#57
Fluorene
Concen: 45.74 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		477879		
165	100.0	80.0	120.0		
167	14.3	10.6	16.0		





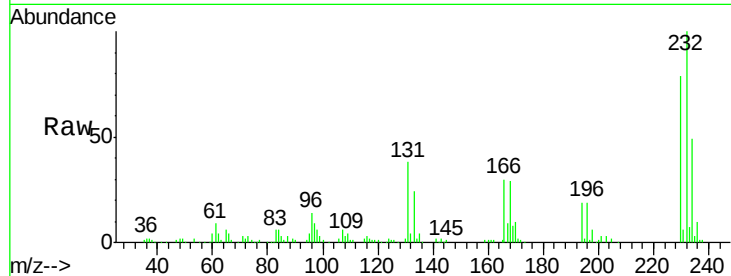
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.39 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MS

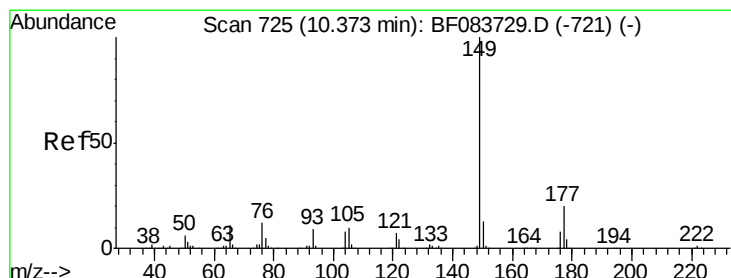
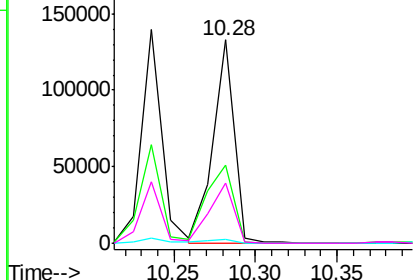
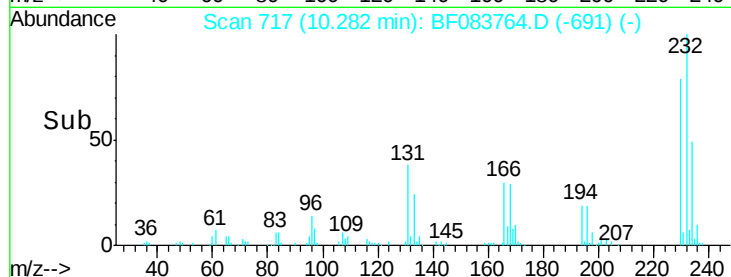
Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	49.0	0.0	0.0#
130	2.4	0.0	0.0#
166	33.7	0.0	0.0#

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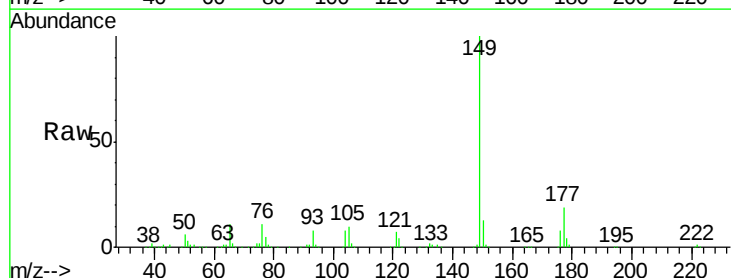


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

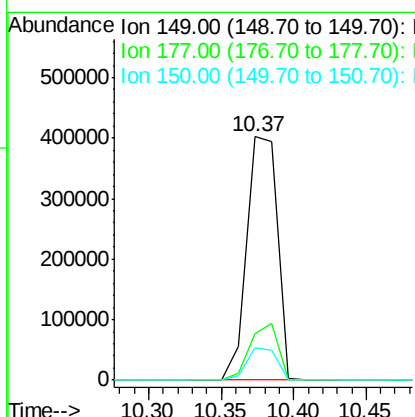
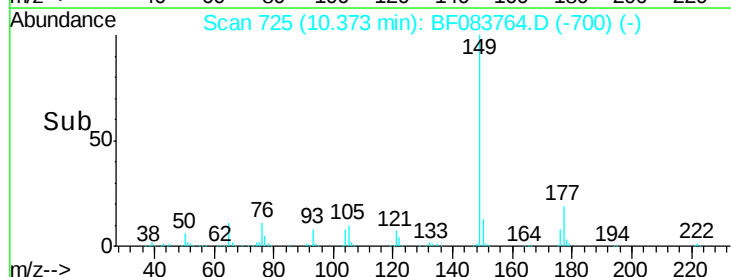


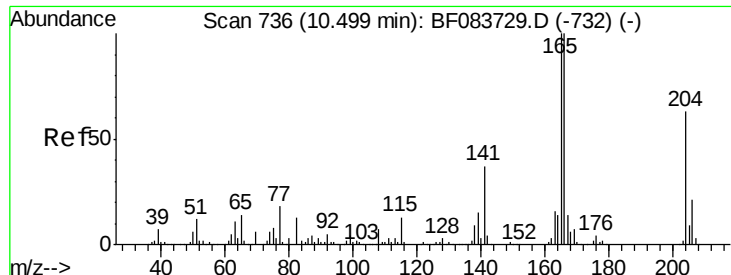
#59
 Diethylphthalate
 Concen: 49.45 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	19.3	16.9	25.3
150	13.1	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





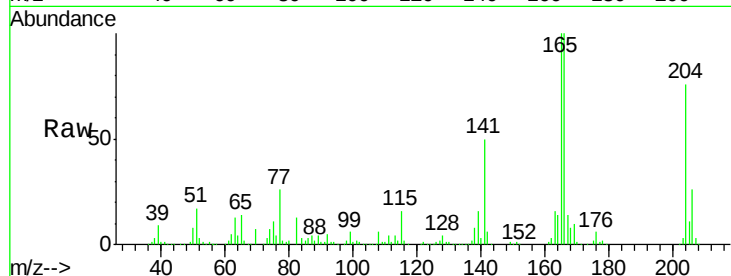
#60
4-Chlorophenyl-phenylether
Concen: 49.29 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

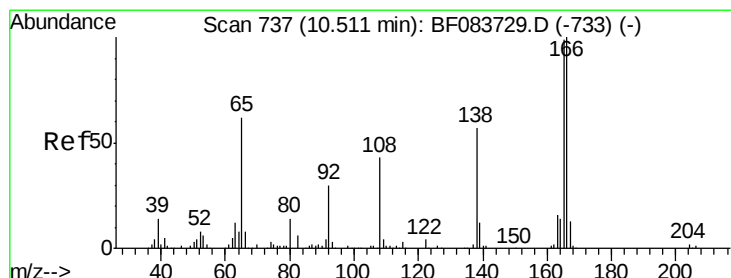
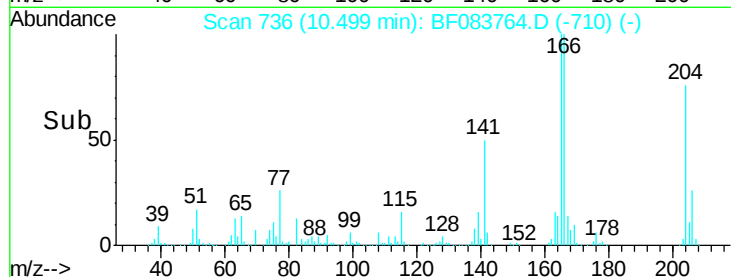
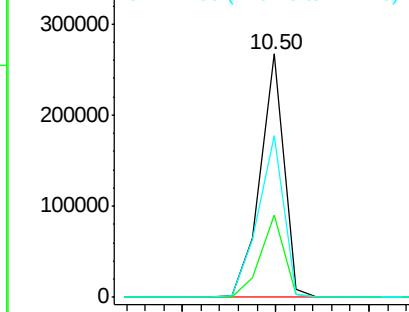
Tot Ion	Ratio	Resp	Lower	Upper
204	100	234833		
206	33.7	27.3	40.9	
141	66.2	51.9	77.9	

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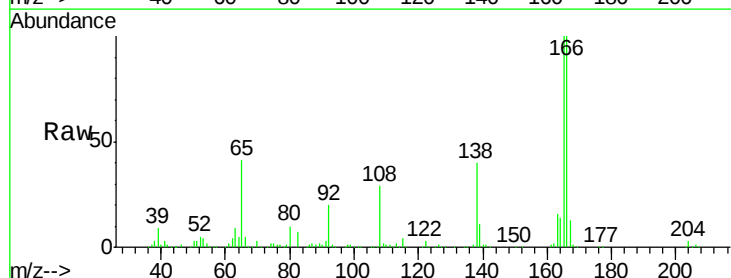


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

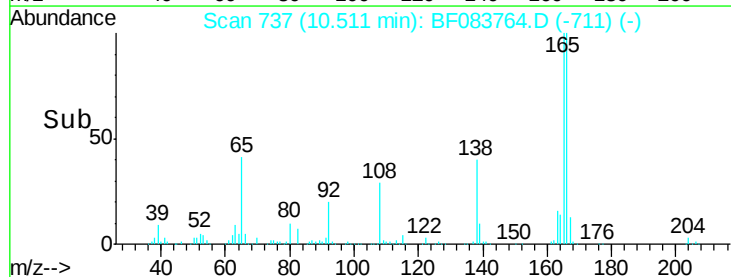
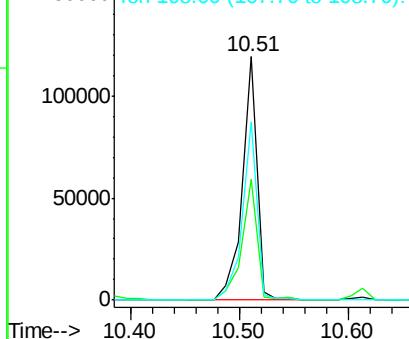


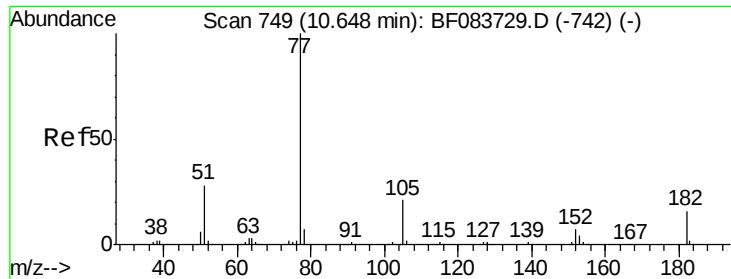
#61
4-Nitroaniline
Concen: 43.90 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	111073		
92	49.7	29.0	69.0	
108	73.3	47.4	87.4	



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: 52.59 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083764.D

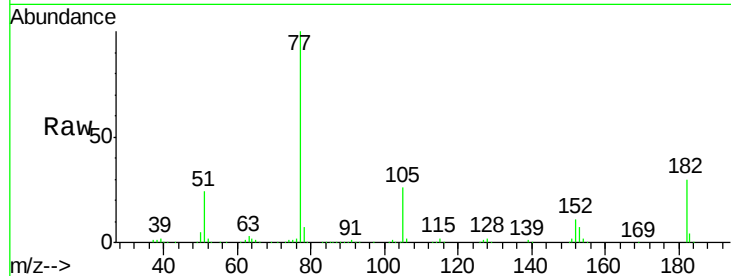
Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

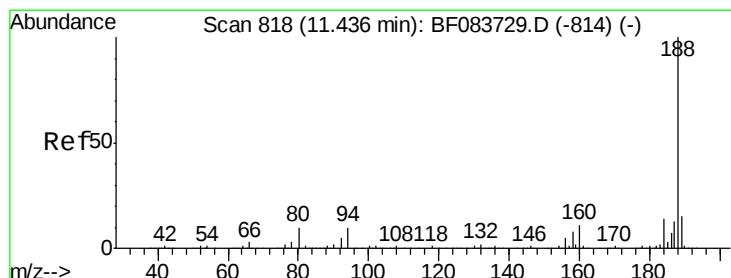
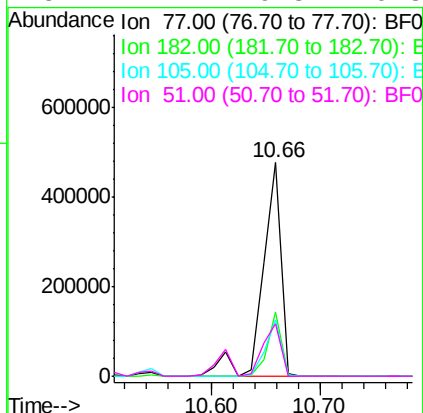
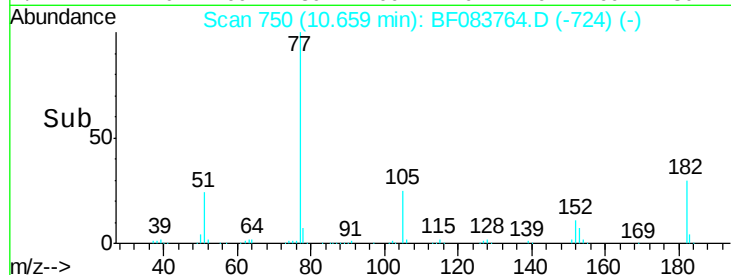
SB-04(0-0.16)MS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	30.1	2.5	42.5		
105	26.3	2.1	42.1		
51	24.4	9.3	49.3		

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#63

Phenanthrene-d10

Concen: 20.00 ng

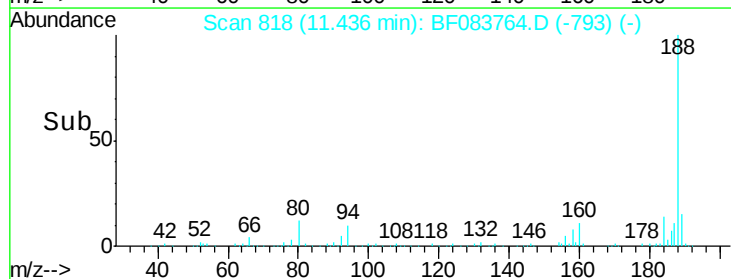
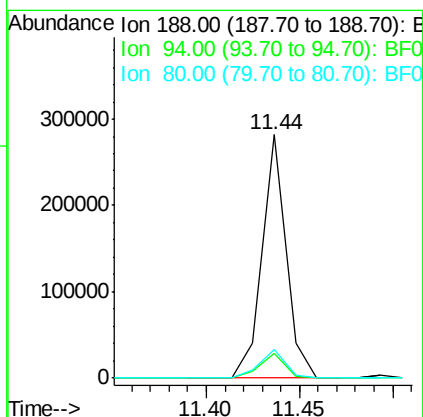
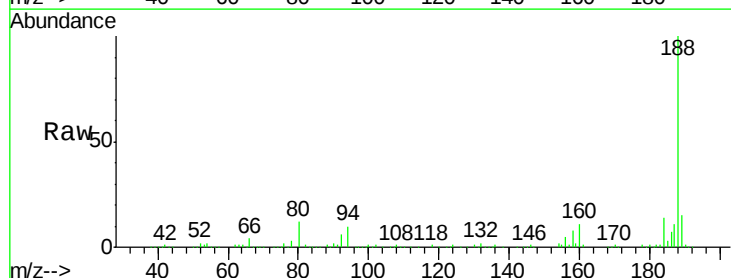
RT: 11.44 min Scan# 818

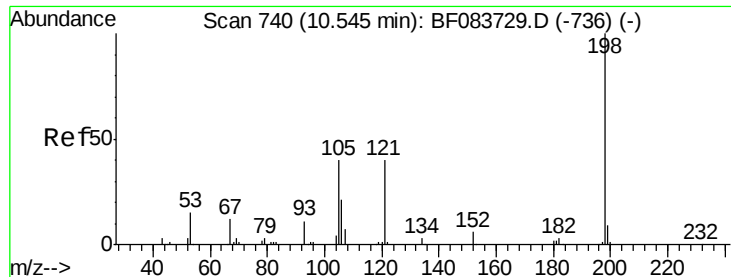
Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.3	9.4	14.2		
80	11.8	10.6	16.0		





#64

4,6-Dinitro-2-methylphenol

Concen: 24.85 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

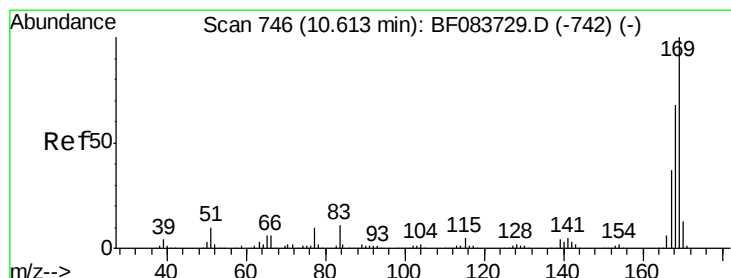
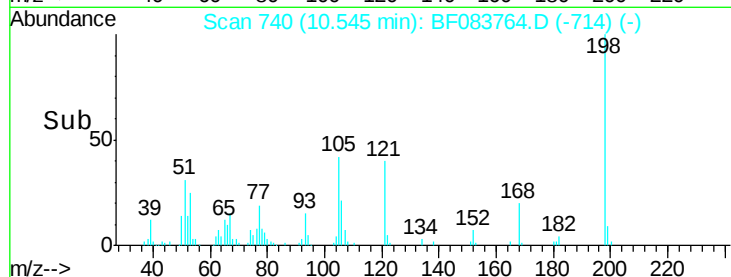
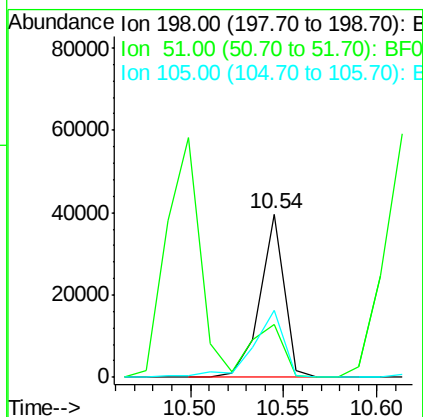
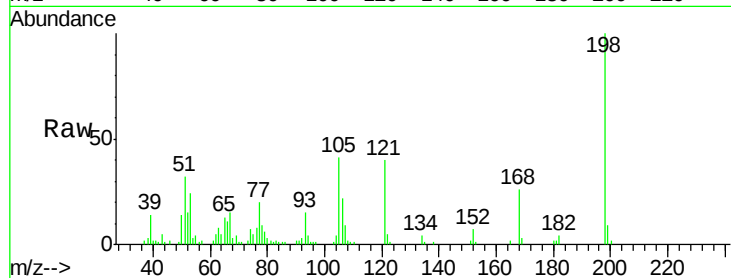
ClientSampleId :

SB-04(0-0.16)MS

Tot Ion:	198	Resp:	35283
Ion Ratio	Lower	Upper	
198	100		
51	32.2	53.8	93.8#
105	41.2	38.6	78.6

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#65

n-Nitrosodiphenylamine

Concen: 54.68 ng

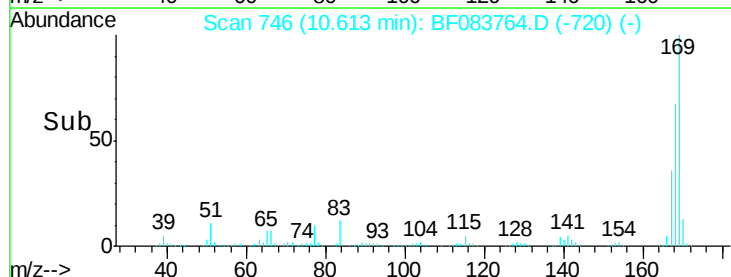
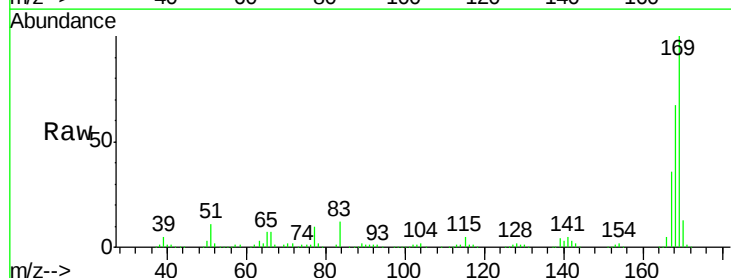
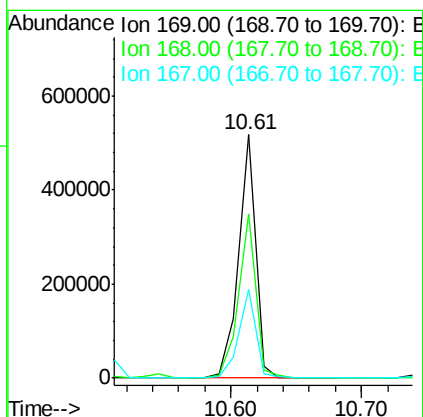
RT: 10.61 min Scan# 746

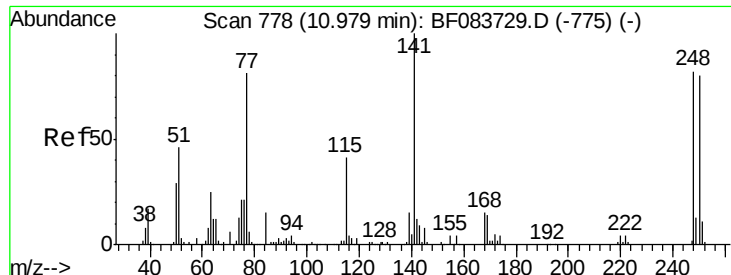
Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion:	169	Resp:	466757
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.0	79.6
167	36.3	29.3	43.9





#66

4-Bromophenyl-phenylether

Concen: 50.59 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

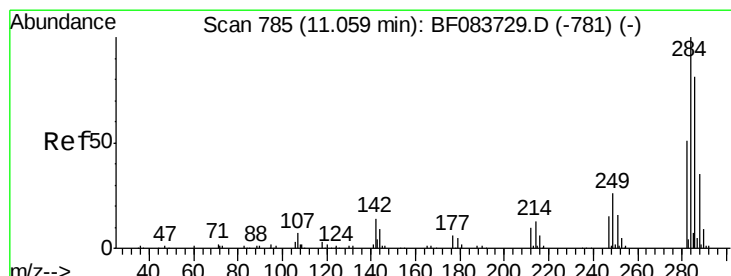
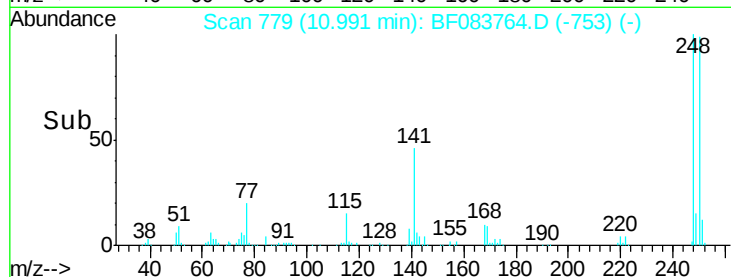
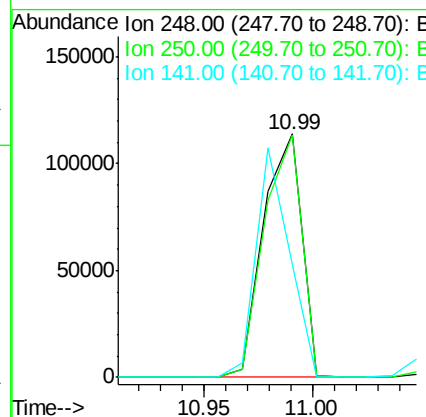
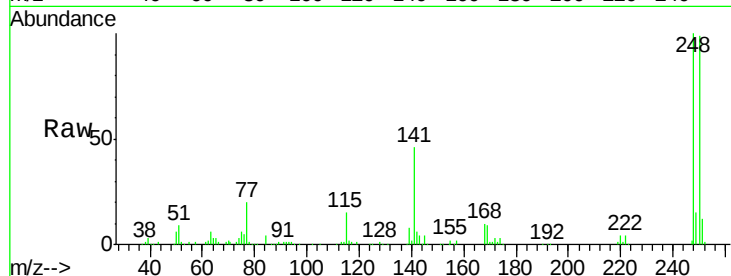
ClientSampleId :

SB-04(0-0.16)MS

Tot Ion:	248	Resp:	141192
Ion Ratio	Lower	Upper	
248	100		
250	99.5	79.2	118.8
141	46.4	58.2	87.4#

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#67

Hexachlorobenzene

Concen: 50.14 ng

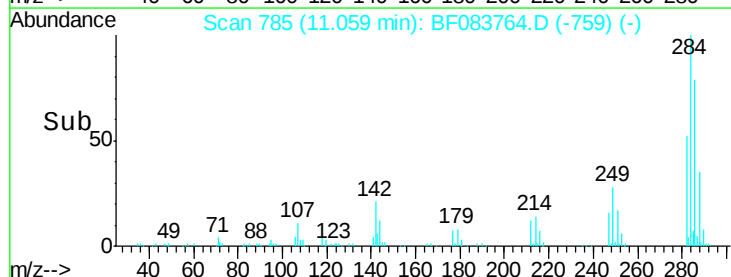
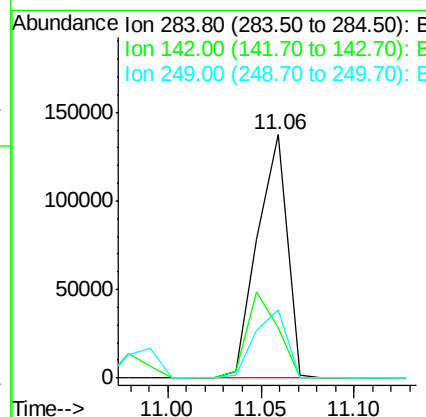
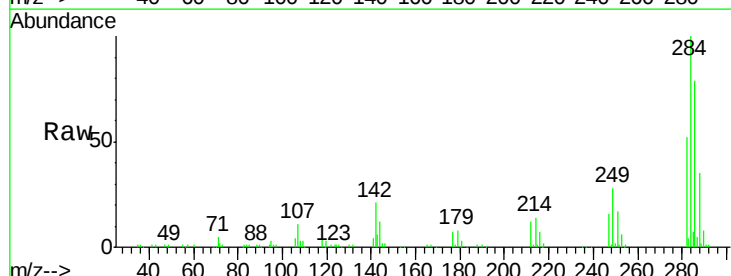
RT: 11.06 min Scan# 785

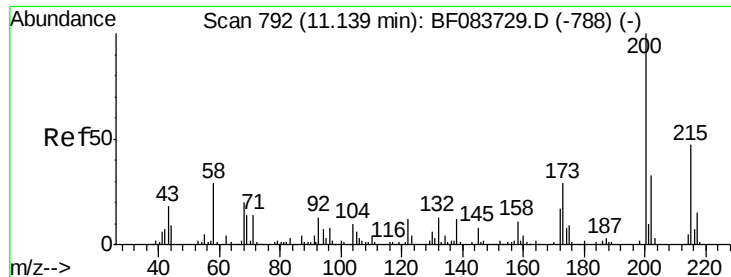
Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion:	284	Resp:	151399
Ion Ratio	Lower	Upper	
284	100		
142	20.6	31.0	46.4#
249	27.8	26.9	40.3





#68

Atrazine

Concen: 58.21 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

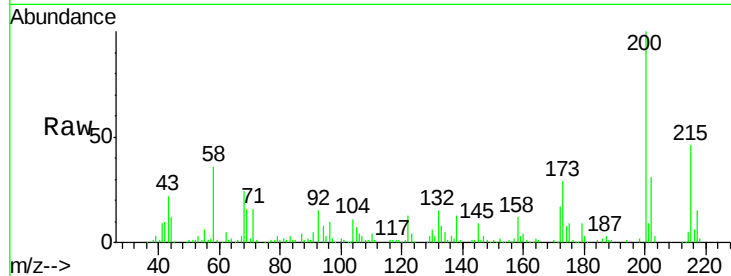
ClientSampleId :

SB-04(0-0.16)MS

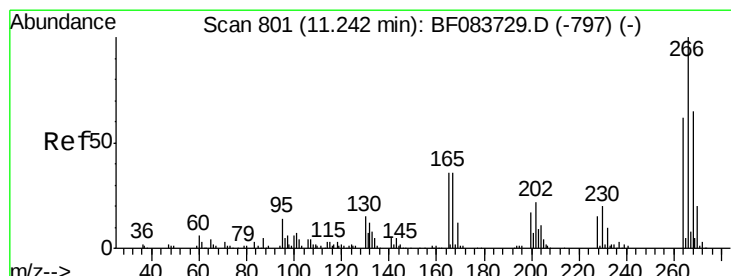
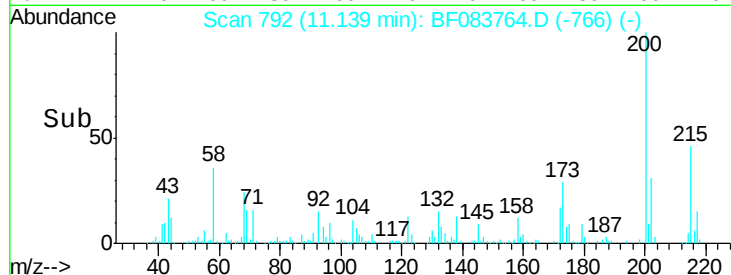
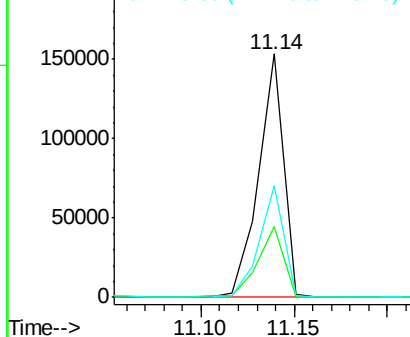
Tot Ion:	200	Resp:	141379
Ion Ratio	Lower	Upper	
200	100		
173	29.1	7.8	47.8
215	46.0	25.7	65.7

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



#69

Pentachlorophenol

Concen: 84.20 ng

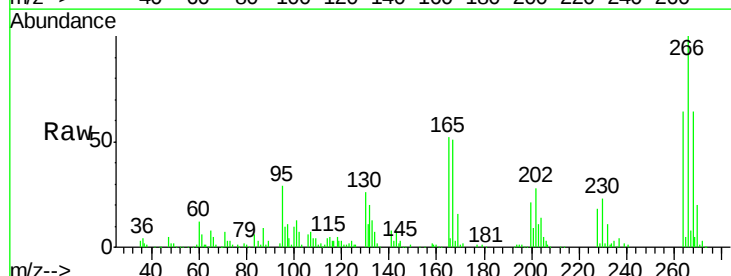
RT: 11.24 min Scan# 801

Delta R.T. 0.00 min

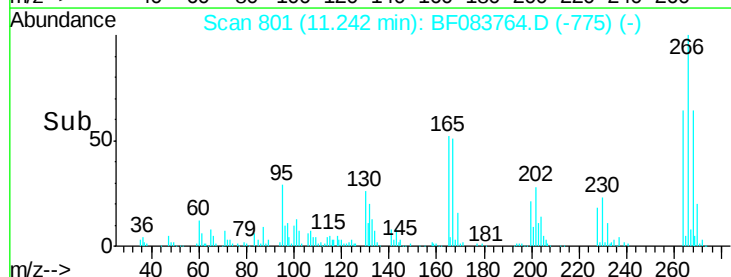
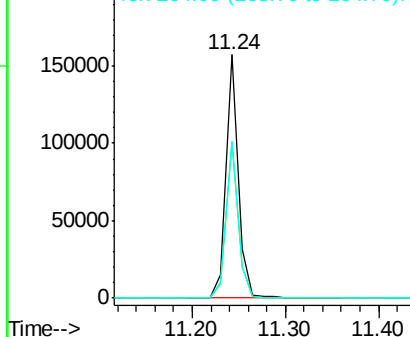
Lab File: BF083764.D

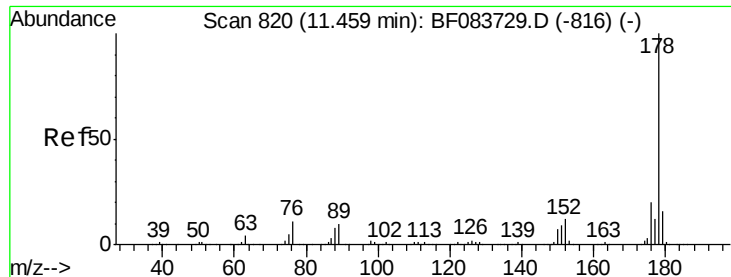
Acq: 14 Dec 2015 7:53

Tgt Ion:	266	Resp:	143403
Ion Ratio	Lower	Upper	
266	100		
268	64.4	50.2	75.2
264	64.4	51.4	77.2



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





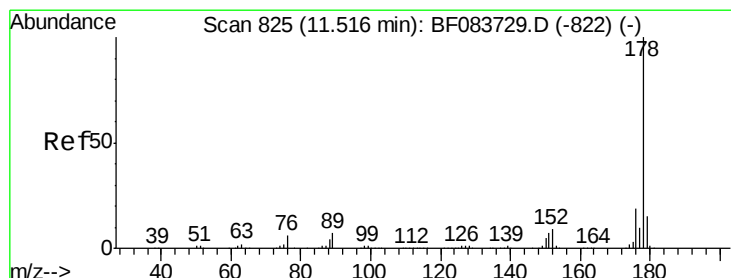
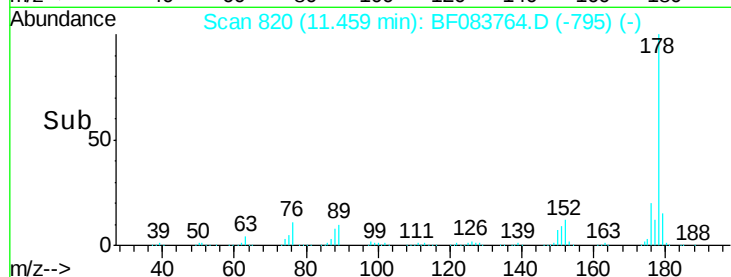
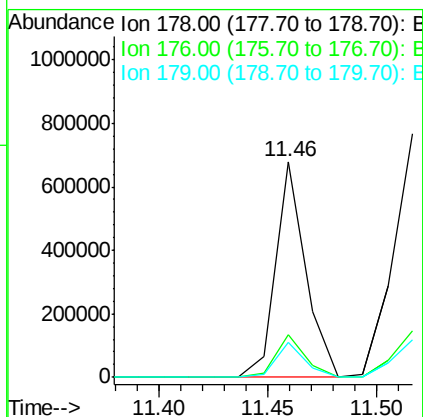
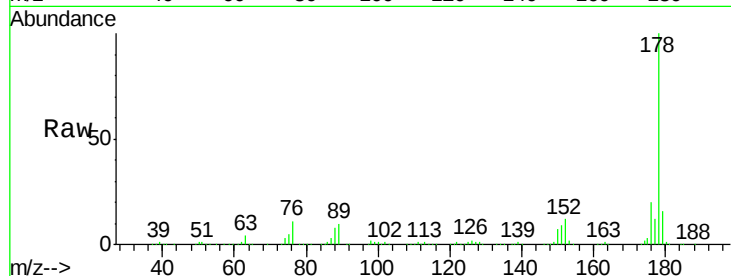
#70
Phenanthrene
Concen: 49.47 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	16.1	12.2	18.4

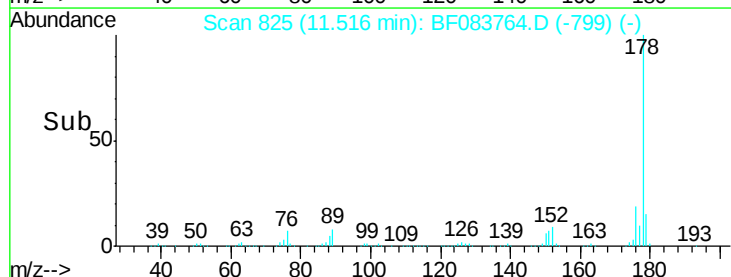
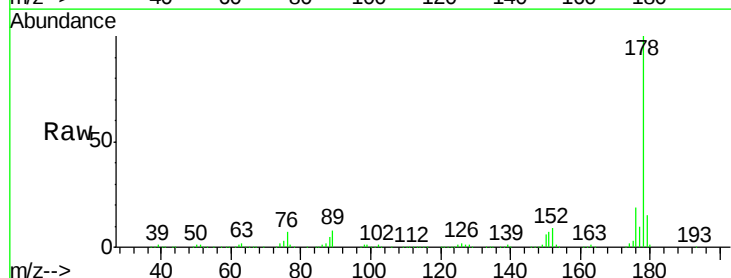
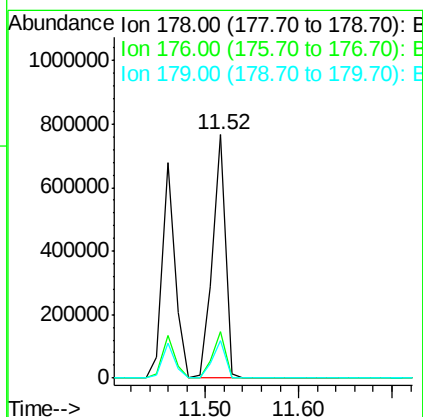
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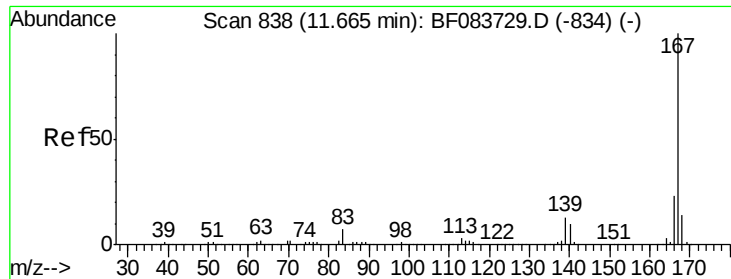
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#71
Anthracene
Concen: 53.89 ng
RT: 11.52 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.3	12.6	18.8





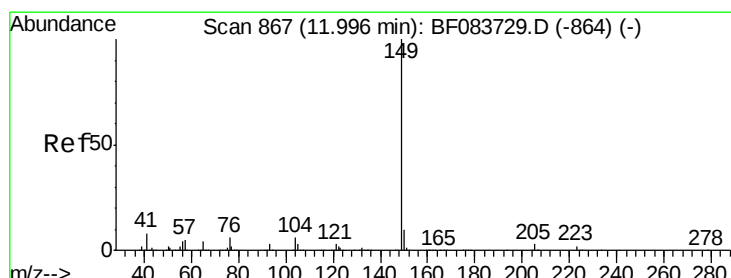
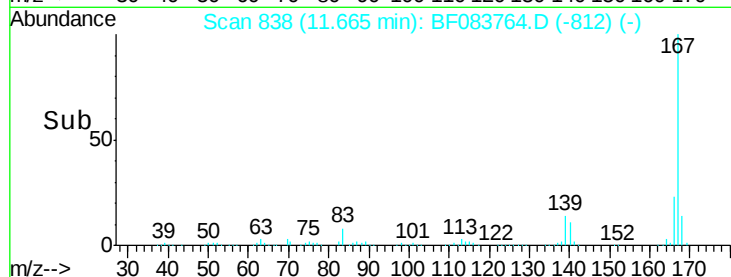
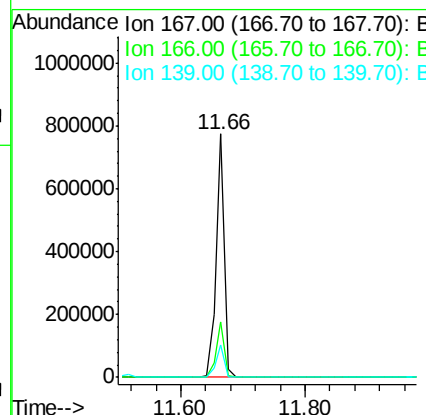
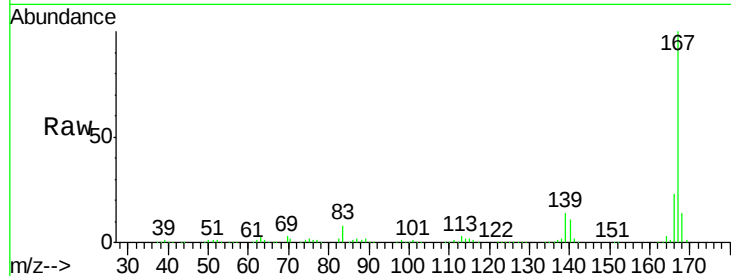
#72
 Carbazole
 Concen: 54.36 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.2	25.8
139	13.6	9.3	13.9

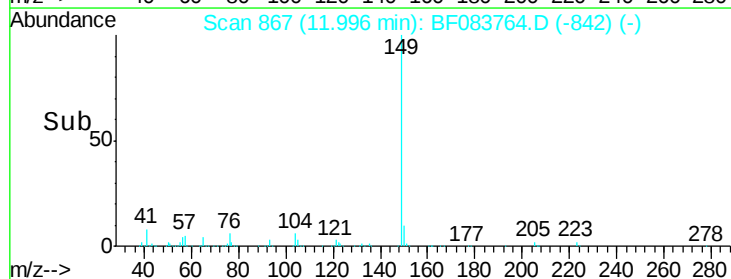
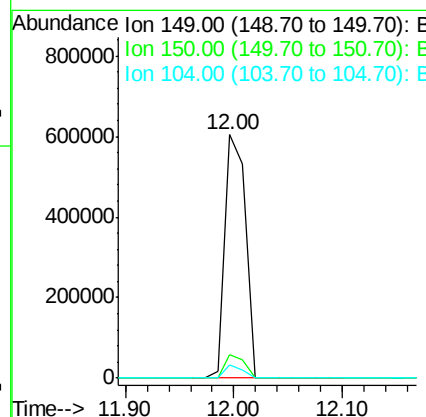
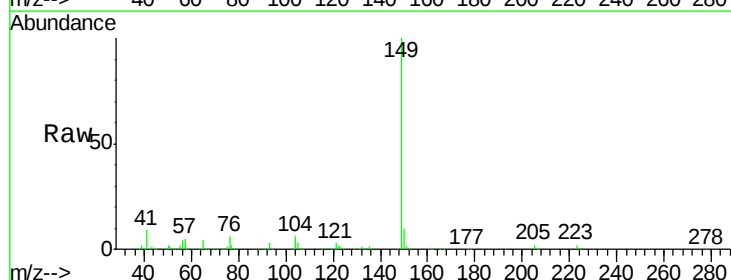
Manual Integrations
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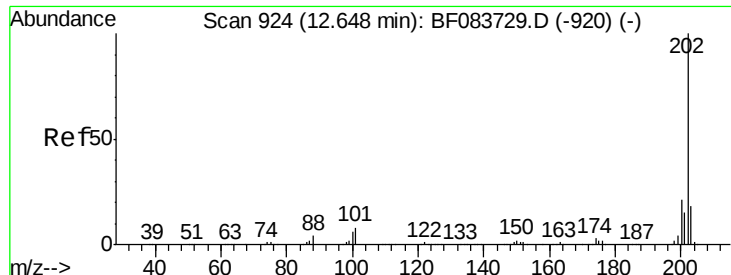
MMdadoda
 12/14/2015 6:23:51 PM



#73
 Di-n-butylphthalate
 Concen: 50.97 ng
 RT: 12.00 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.6	3.9	5.9





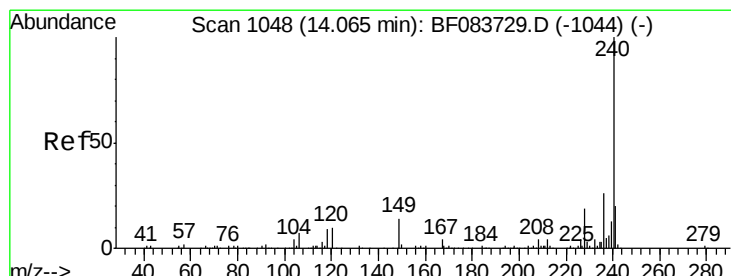
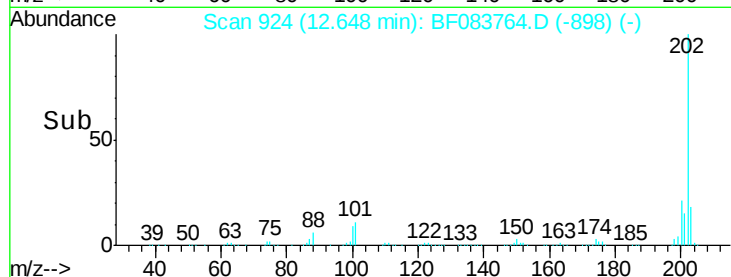
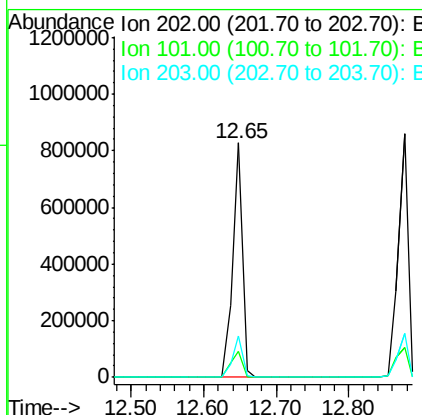
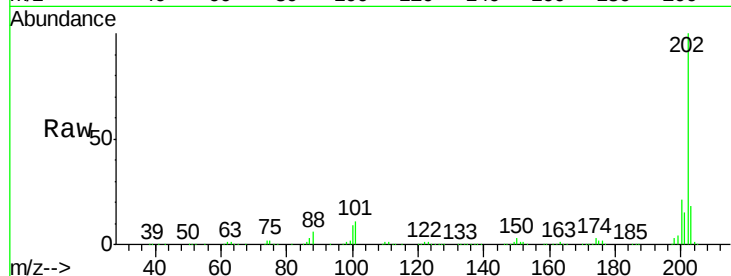
#74
Fluoranthene
Concen: 55.99 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	31.5
203	17.9	0.0	37.6

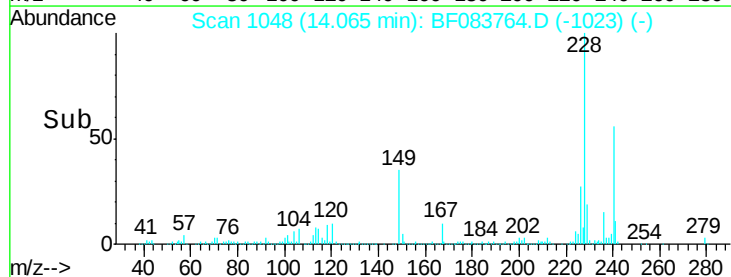
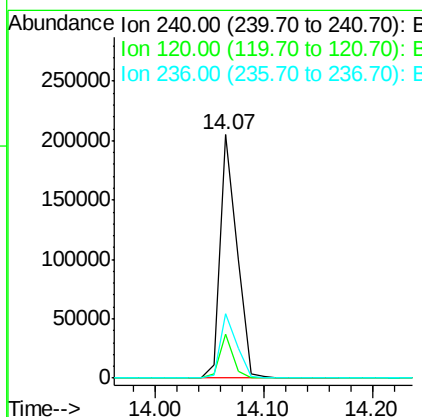
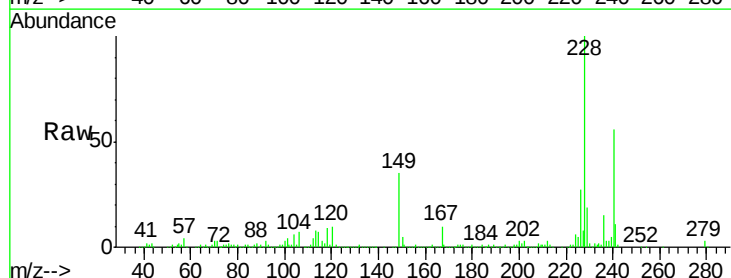
Manual Integrations
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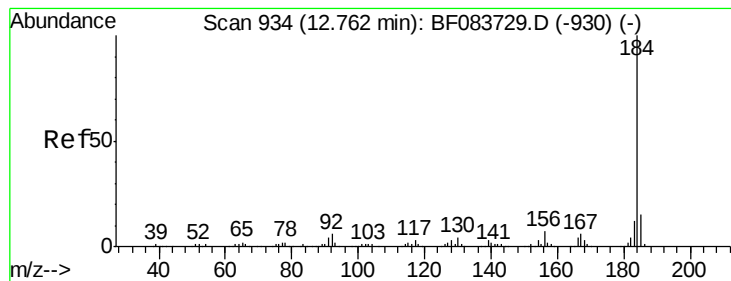
MMdadoda
12/14/2015 6:23:51 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	18.2	8.1	12.1#
236	26.3	20.8	31.2





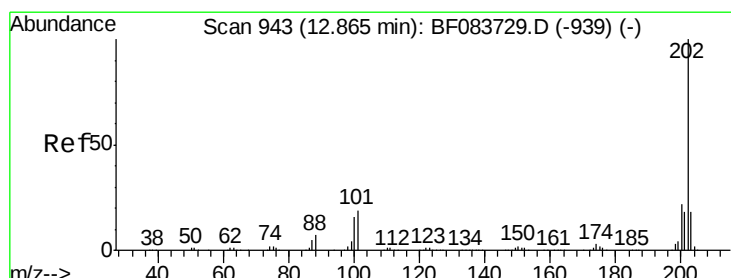
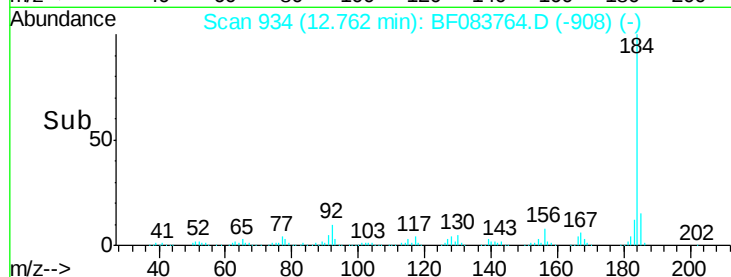
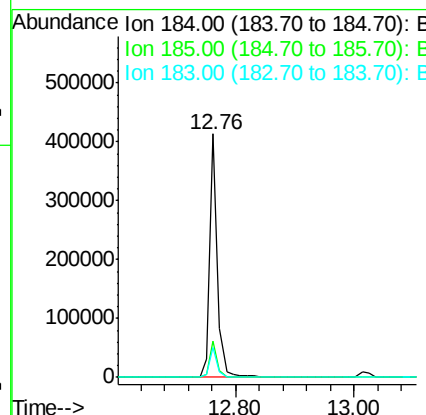
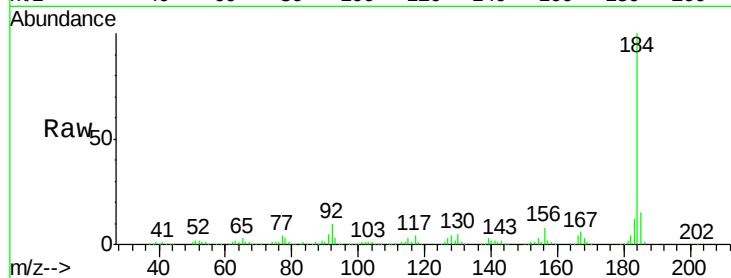
#76
Benzidine
Concen: 56.95 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.0	13.0	19.6	
183	12.1	9.0	13.4	

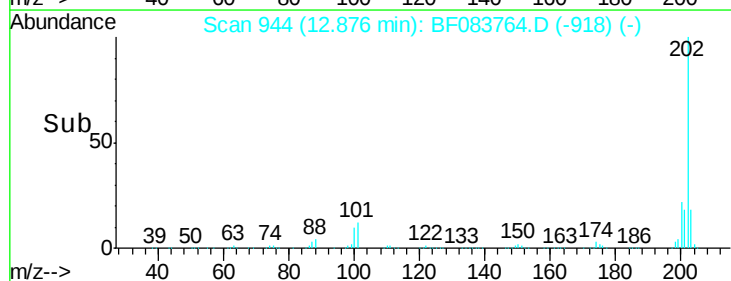
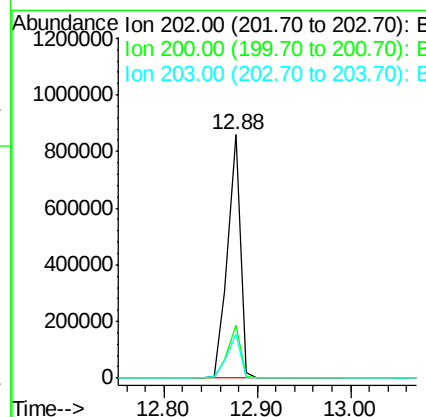
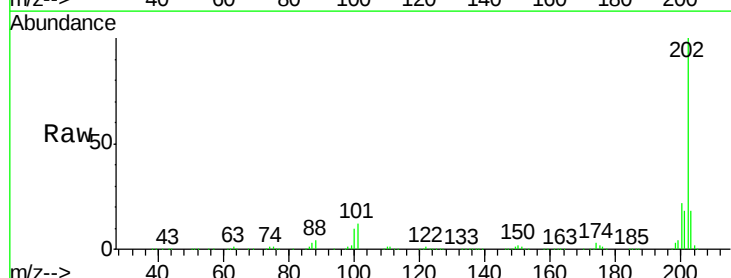
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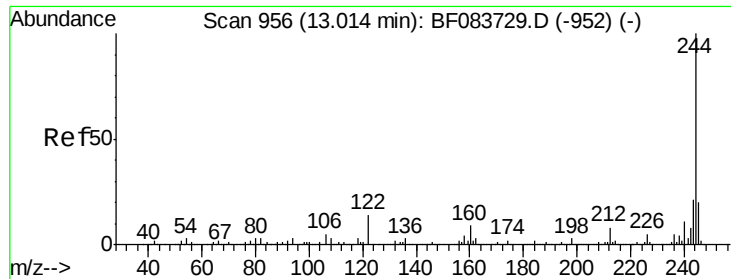
MMdadoda
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#77
Pyrene
Concen: 46.83 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.9	16.7	25.1	
203	17.8	14.3	21.5	





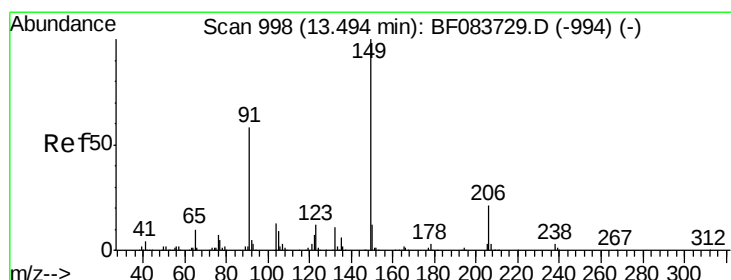
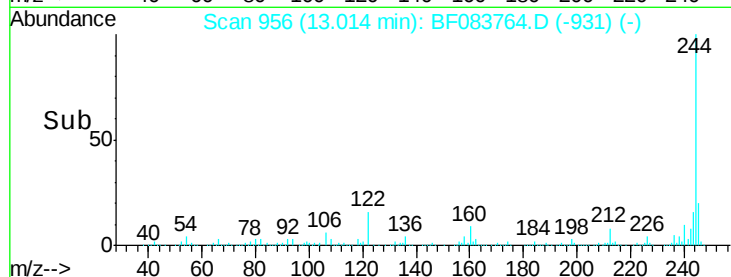
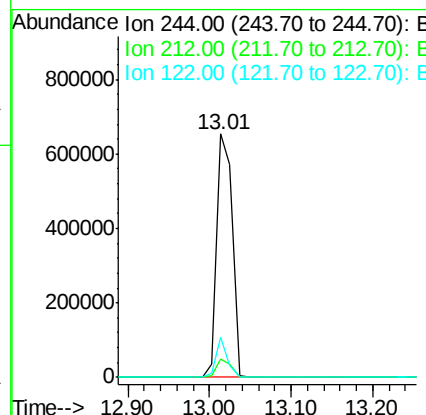
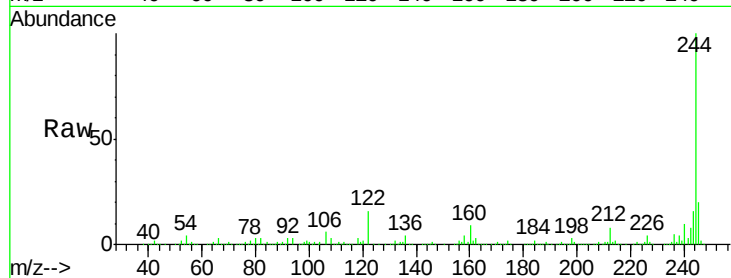
#78
 Terphenyl-d14
 Concen: 84.68 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.5	6.1	9.1	
122	16.3	11.0	16.6	

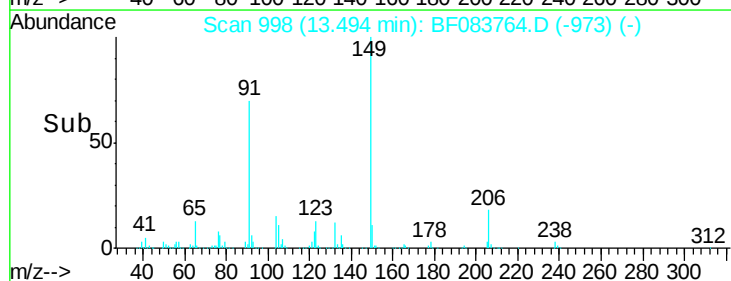
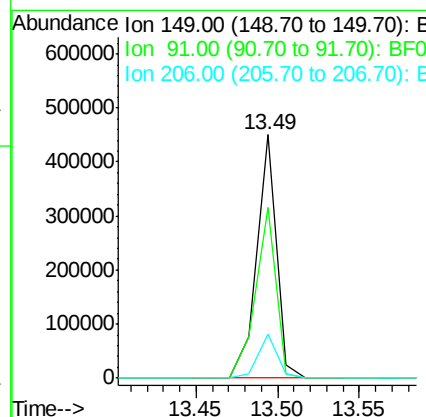
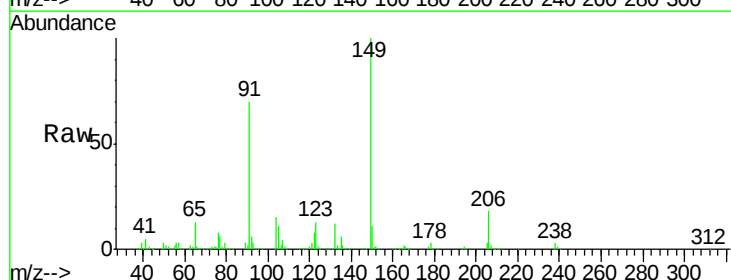
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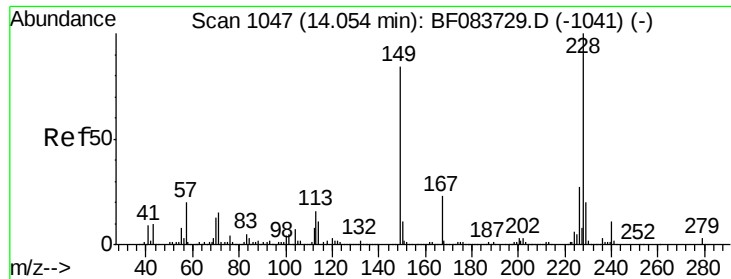
MMdadoda
 12/14/2015 6:23:51 PM



#79
 Butylbenzylphthalate
 Concen: 50.50 ng
 RT: 13.49 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF083764.D
 Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	70.1	60.0	90.0	
206	18.3	16.2	24.4	





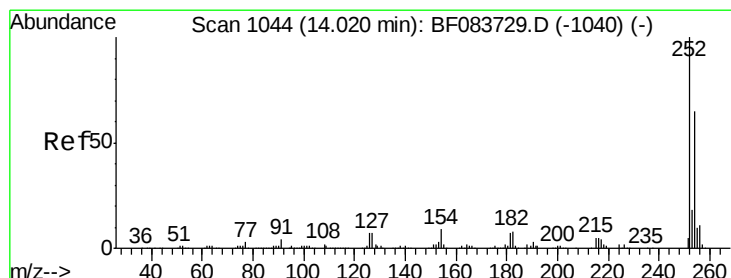
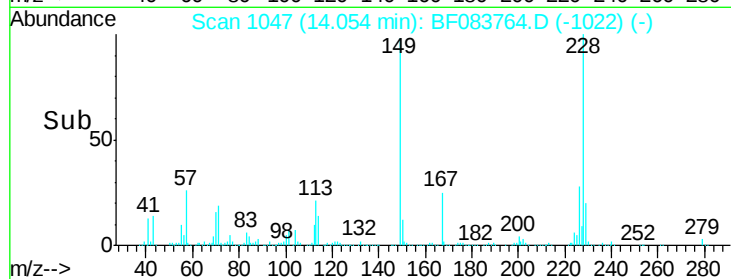
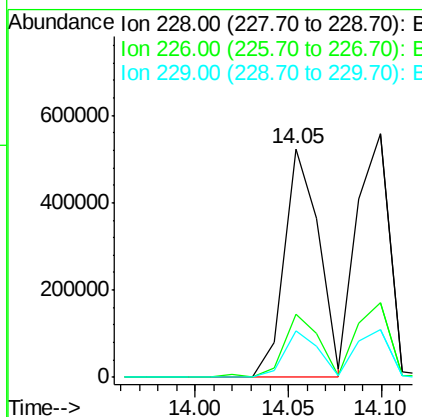
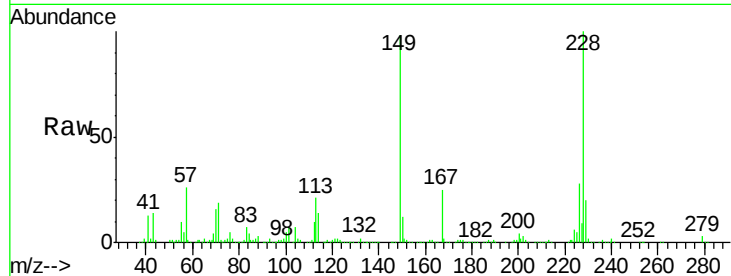
#80
Benzo(a)anthracene
Concen: 53.81 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	676897		
226	27.8		22.3	33.5
229	20.1		15.7	23.5

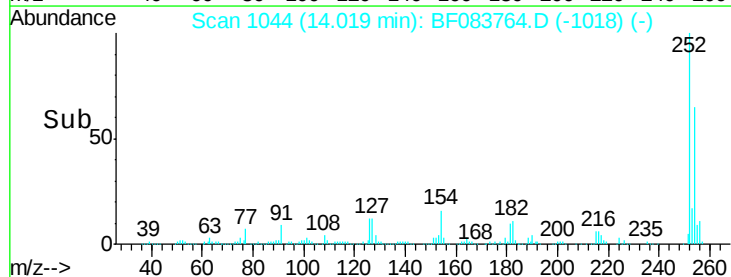
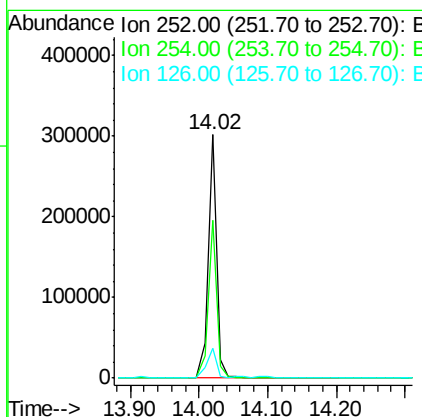
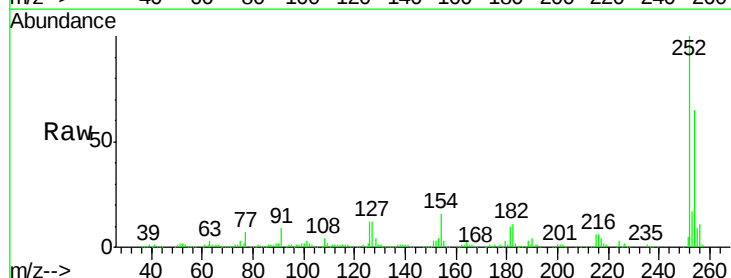
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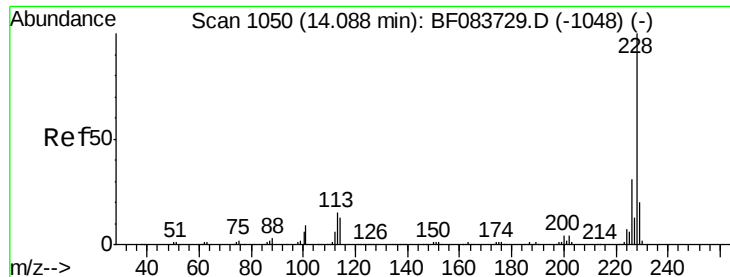
MMdadoda
12/14/2015 6:23:51 PM



#81
3,3'-Dichlorobenzidine
Concen: 57.23 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	259704		
254	64.8		50.6	76.0
126	12.5		11.0	16.4





#82

Chrysene

Concen: 55.84 ng

RT: 14.10 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

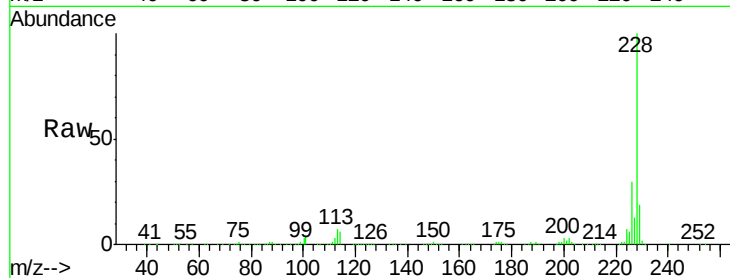
ClientSampleId :

SB-04(0-0.16)MS

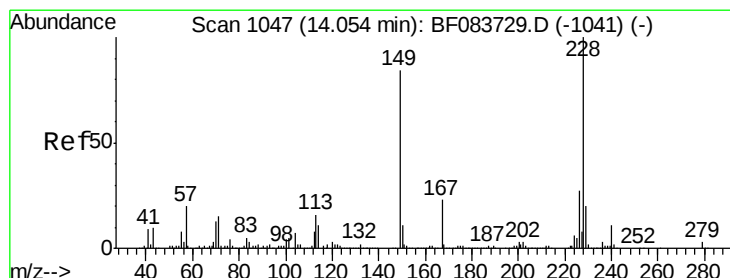
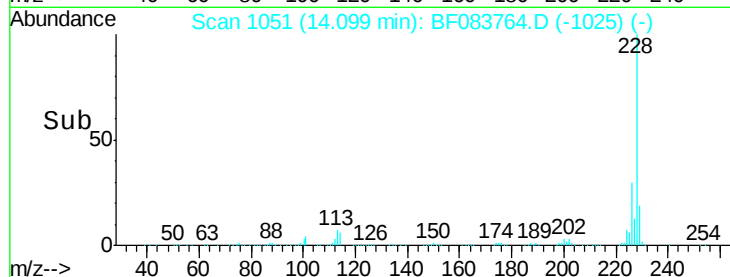
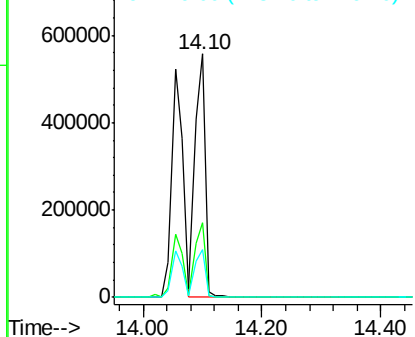
Tot Ion:	228	Resp:	685187
Ion Ratio		Lower	Upper
228	100		
226	30.4	24.7	37.1
229	19.4	16.3	24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 54.96 ng

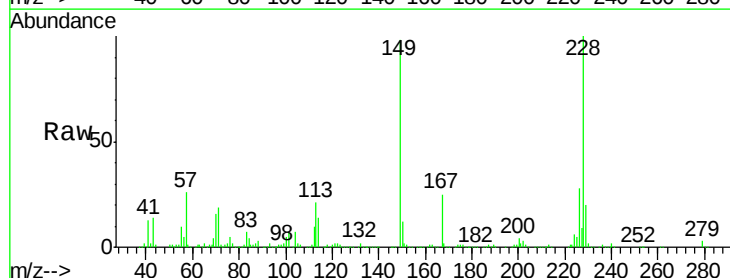
RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

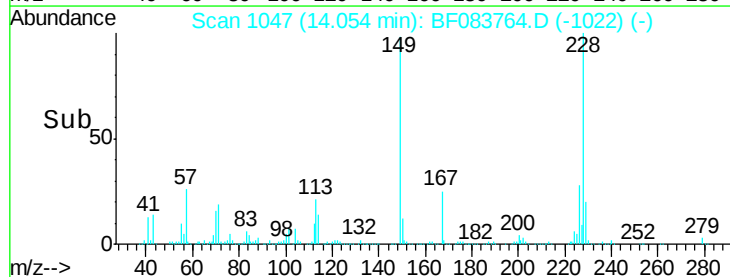
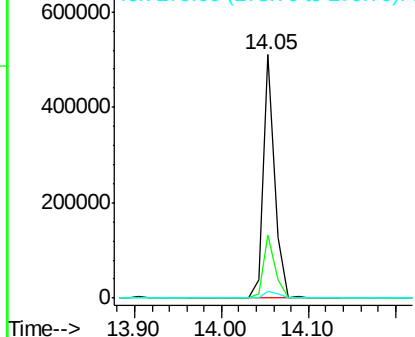
Lab File: BF083764.D

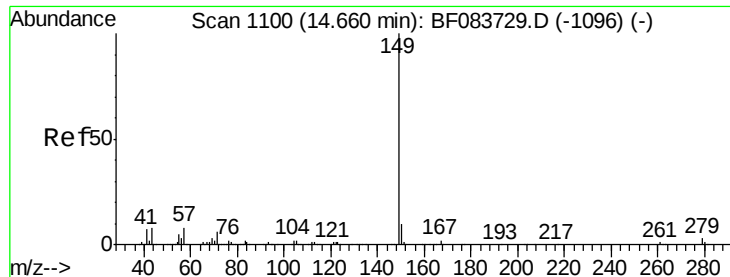
Acq: 14 Dec 2015 7:53

Tgt Ion:	149	Resp:	469393
Ion Ratio		Lower	Upper
149	100		
167	25.7	21.8	32.8
279	2.6	3.0	4.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 67.91 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Instrument :

BNA_F

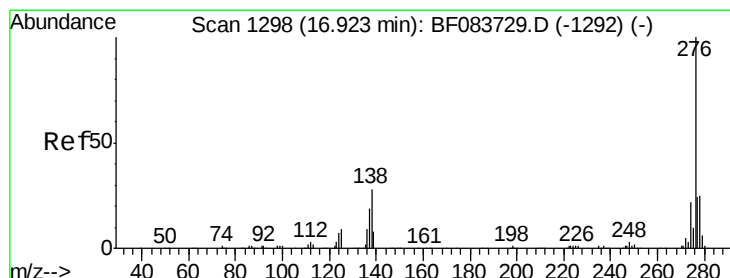
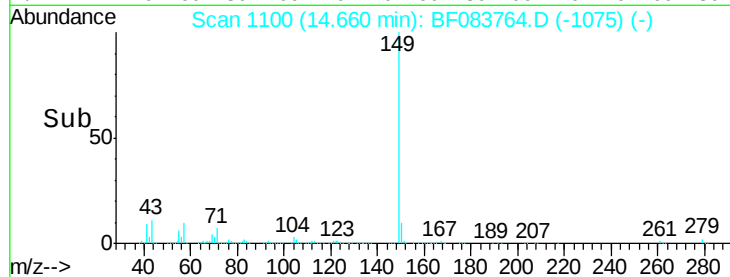
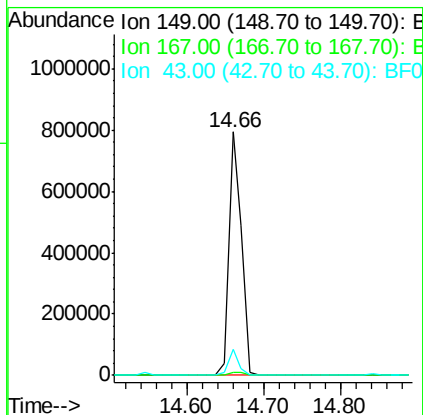
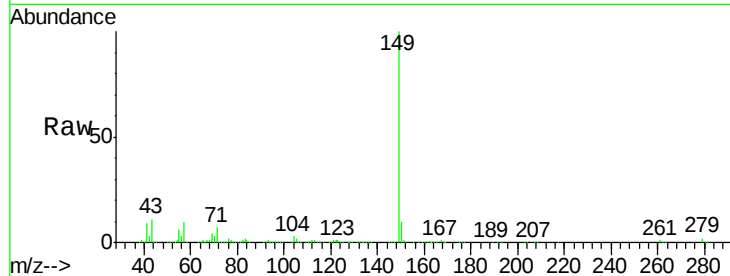
ClientSampleId :

SB-04(0-0.16)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	921762		
167	1.6	0.0	0.0#	
43	9.1	0.0	0.0#	

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#85

Indeno(1,2,3-cd)pyrene

Concen: 46.86 ng

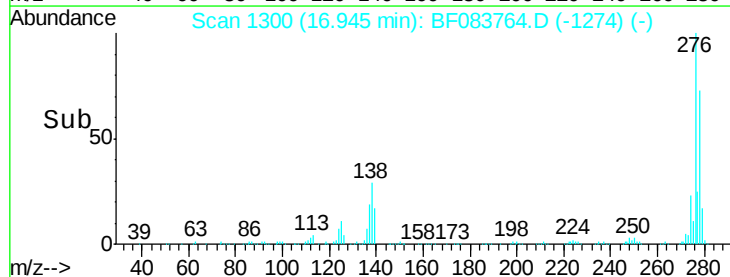
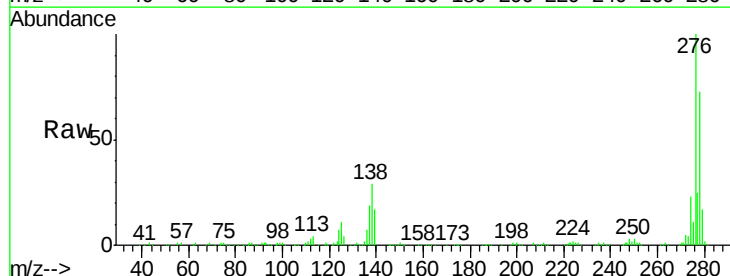
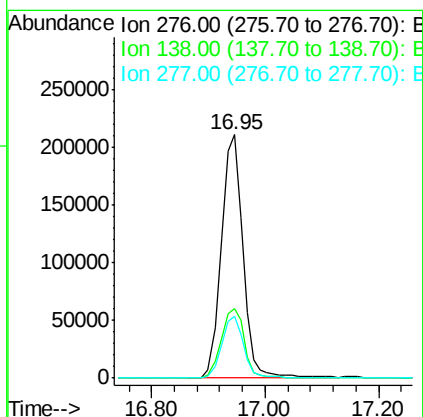
RT: 16.95 min Scan# 1300

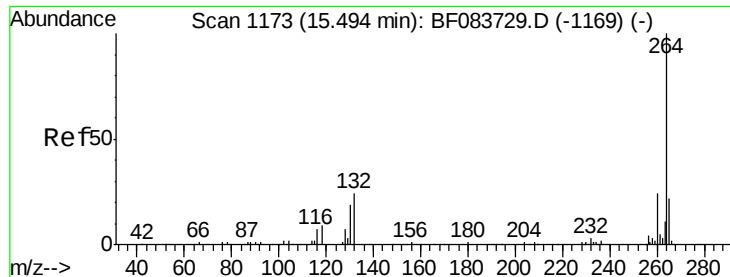
Delta R.T. 0.00 min

Lab File: BF083764.D

Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	564682		
138	30.4	0.0	0.0#	
277	25.7	0.0	0.0#	





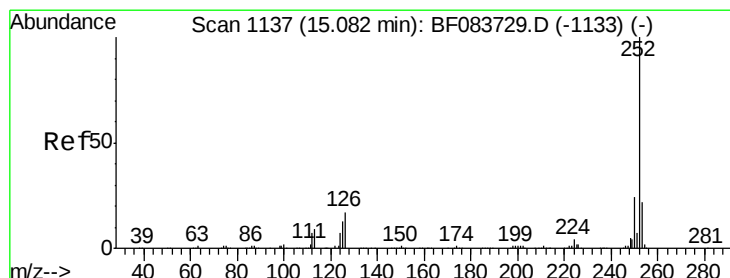
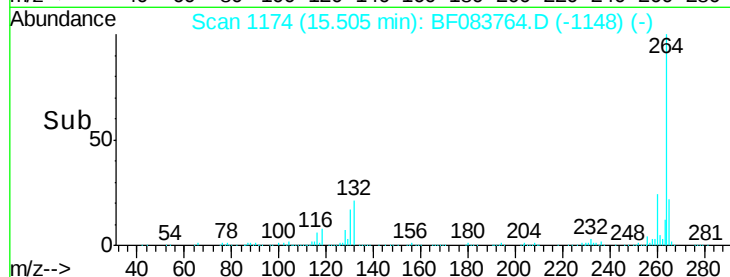
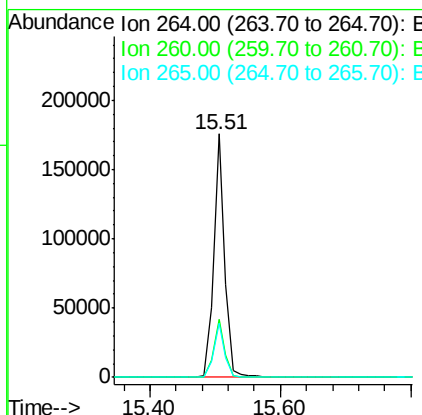
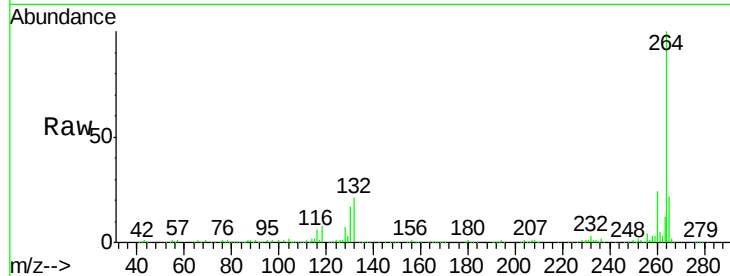
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.1	17.8	26.6

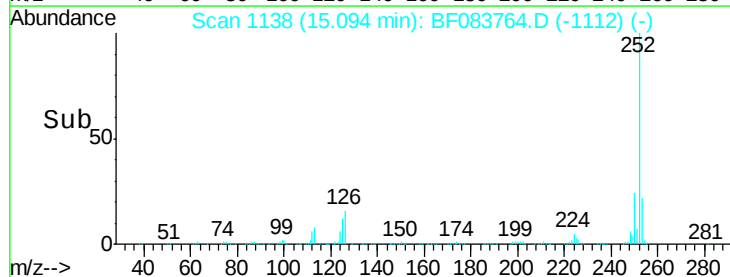
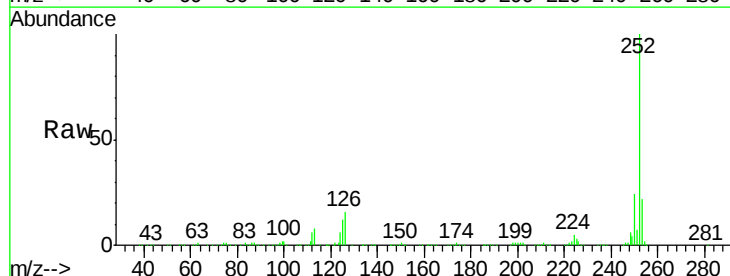
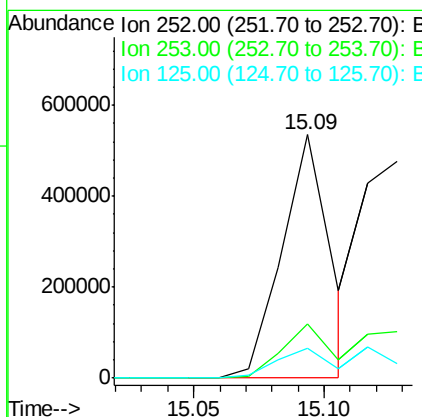
Manual Integrations
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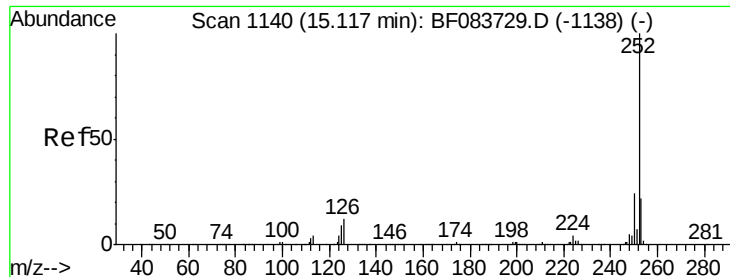
MMdadoda
12/14/2015 6:23:51 PM



#87
Benzo(b)fluoranthene
Concen: 50.58 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	12.2	8.2	12.4





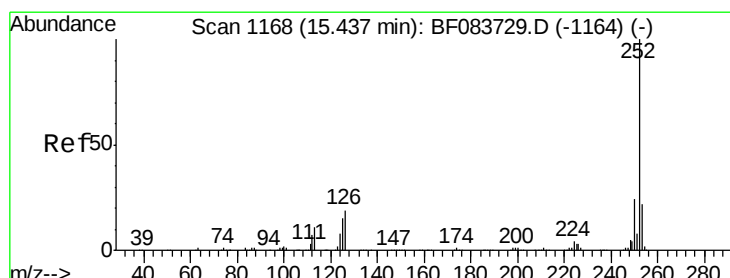
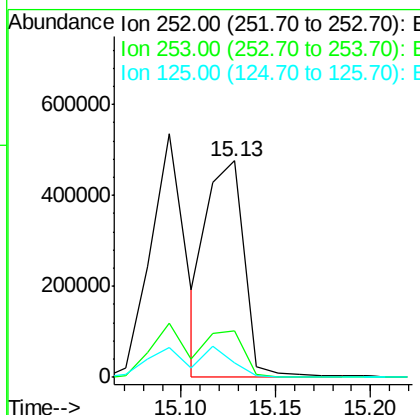
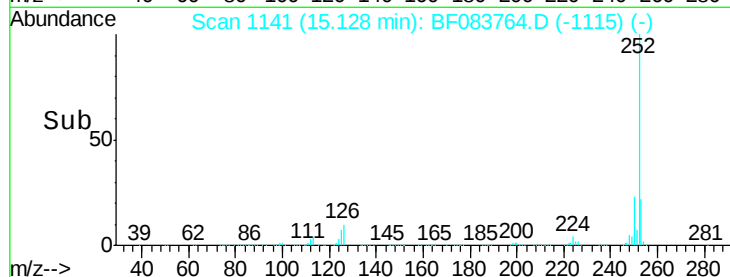
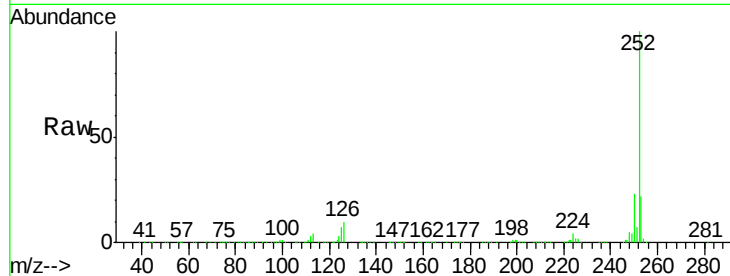
#88
Benzo(k)fluoranthene
Concen: 53.58 ng m
RT: 15.13 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.6	27.8
125	6.9	11.5	17.3

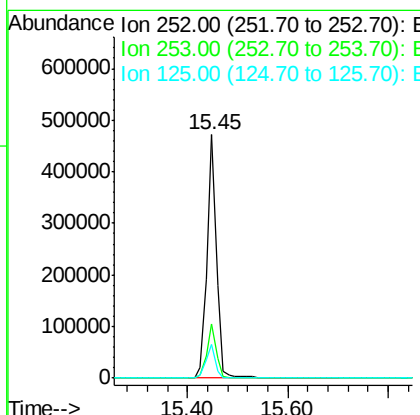
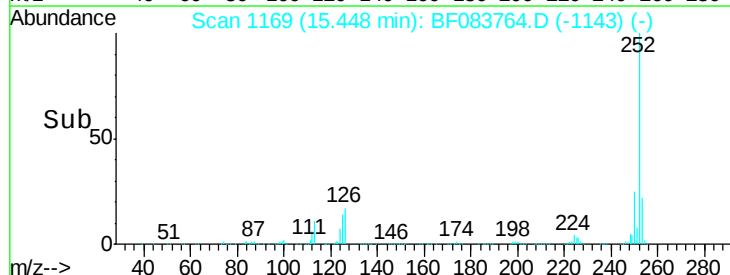
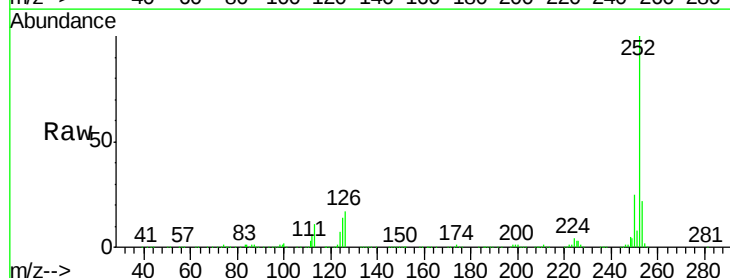
Manual Integrations
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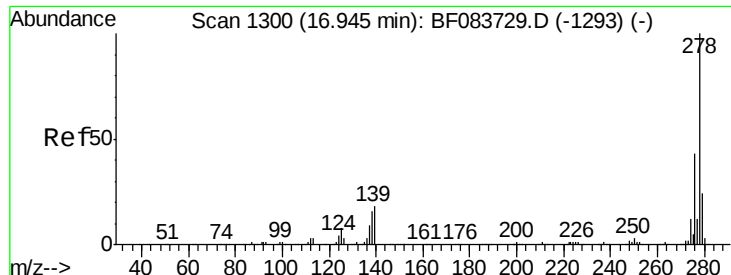
MMdadoda
12/14/2015 6:23:51 PM



#89
Benzo(a)pyrene
Concen: 51.38 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.9	11.0	16.6





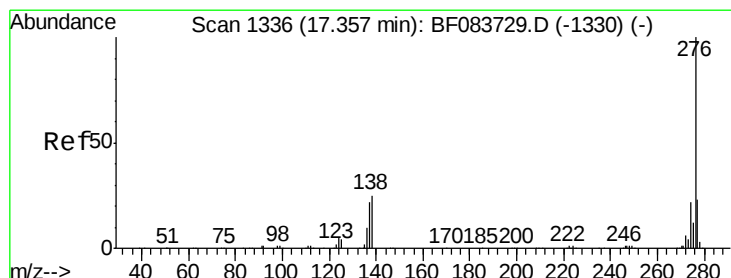
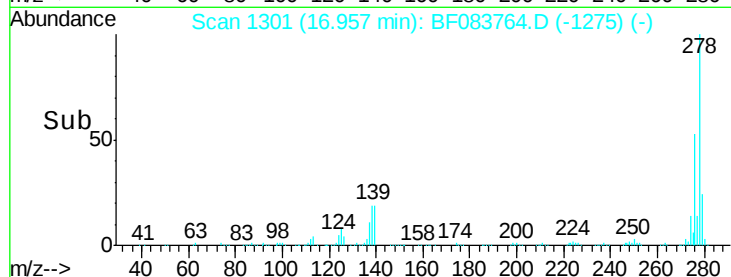
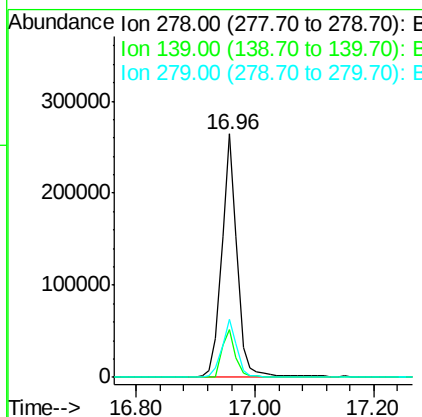
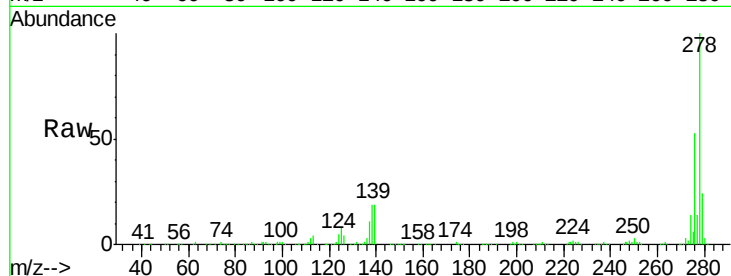
#90
Dibenzo(a,h)anthracene
Concen: 40.11 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.4	12.8	19.2
279	24.1	18.6	28.0

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:23:51 PM



#91
Benzo(g,h,i)perylene
Concen: 36.59 ng
RT: 17.37 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF083764.D
Acq: 14 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	25.2	19.5	29.3

